



Search Report

EIC 3600

STIC Database Tracking Number: 282420

To: RONALD LANEAU
Location: RND-6A79
Art Unit: 3714
Friday, January 16, 2009

Case Serial Number: 10/654859

From: PAUL OBINIYI
Location: EIC3600
KNX-4C25
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Search Notes

Dear Examiner LANEAU:

Attached please find the results of your search. Please feel free to contact me if you have additional questions or would like a re-focus search. Thank you and have a great day.

Paul

I. REFERENCES OF INTEREST FROM DIALOG.....	3
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I. References of Interest from Dialog

36/3,K/2 (Item 2 from file: 15) [Links](#)

ABI/Inform(R)

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00804073 94-53465

PCP channel sharing

Linton, John

Communications v31n1 pp: 39-41

Jan 1994

ISSN: 0010-356X **Journal Code:** CMN

Word Count: 973

Text:

...to universal time. FLEX frames must be sent at least once per minute to maintain **receiver** synchronization. If **two** companies are **sharing** a **channel** equally and **utilizing** a one-minute timeslot, then each company would send at least one full frame in...

36/3K/22 (Item 3 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00926591

METHOD AND APPARATUS FOR MANAGING ACCESS TO A PREPAID ACCOUNT
PROCEDE ET APPAREIL PERMETTANT DE GERER L'ACCES D'UN COMPTE PREPAYE

Patent Applicant/Patent Assignee:

- **TELEFONAKTIEBOLAGET LM ERICSSON (publ)**
S-126 25 Stockholm; SE; SE(Residence); SE(Nationality)

Inventor(s):

- **TORRES MORALES Omar**
Nueva Zelanda 535, Col. Oceania, 25290 Saltillo, Coahuila; MX

Legal Representative:

- **ERICSSON CANADA INC(agent)**
LMC/UP IPR Section, 8400 Decarie Boulevard, Montreal, QC H4P 2N2; CA;

	Country	Number	Kind	Date
Patent	WO	200260172	A2-A3	20020801

Application	WO	2002SE46	20020111
Priorities	US	2001770144	20010126

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

Publication Language: English

Filing Language: English

Fulltext word count:

English Abstract:

A prepaid communications **account** is **shared** by at least a **first subscriber** (20) and a **second subscriber** (80) whereby access to the prepaid account is locked in response to a first prepaid... ..account is unlocked. A database (1160) is utilized for managing access to a prepaid communications **account shared** by at least a **first subscriber** and a **second subscriber** and includes identity fields (1190) and associated remaining talk time fields (1200) for the subscribers... ..memory element is used to store a database for managing access to a prepaid communications **account shared** by at least a **first subscriber** and a **second subscriber** and includes memory locations for the identities and associated talk times and a sponsor identity...

7/3,K/12 (Item 2 from file: 16) [Links](#)

Gale Group PROMT(R)

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05470757 **Supplier Number:** 48291096 (USE FORMAT 7 FOR FULLTEXT)

Polish Bank to Modernize Processing Operations With ACI BASE24 and CO-ach Products

PR Newswire , p 0212LATH049

Feb 12 , 1998

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 572

-

...Banking services-- while handling ever-increasing transaction volumes. The BASE24 applications chosen by BGZ SA **share** the same customer **account** information and **communication** links to third-party networks, giving the bank the ability to offer its customers consistent...

36/3K/16 (Item 6 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00656677

METHOD OF SEARCHING FOR A SIGNALLING CHANNEL IN A RADIO SYSTEM
SIGNALISIERUNGSKANALSUCHVERFAHREN IN EINEM FUNKSYSTEM
PROCEDE DE RECHERCHE D'UNE VOIE DE SIGNALISATION DANS UN SYSTEME RADIO
TELEPHONIQUE

Patent Assignee:

- **NOKIA TELECOMMUNICATIONS OY;** (1268807)
Keilalahdentie 4; 02150 Espoo; (FI)
(applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

Inventor:

- **LOPPONEN, Jussi**
Kehruutie 1 A 7; FIN-00410 Helsinki; (FI)

Legal Representative:

- **Tomlinson, Kerry John et al (36771)**
Frank B. Dehn & Co., European Patent Attorneys, 179 Queen Victoria Street; London EC4V 4EL; (GB)

	Country	Number	Kind	Date	
Patent	EP	653139	A1	19950517	(Basic)

Designated States:

AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE;

International Patent Class (V7): H04Q-007/20; ;

NOTE: No A-document published by EPO

Type	Pub. Date	Kind	Text
------	-----------	------	------

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9836	966

Specification: ...system is characterized by the following steps: a first subscriber station detects that the signalling **channel** used by it is **assigned** as a traffic **channel** for communication between a **second subscriber** station and a **first** base station, the **first** subscriber station stays to listen for a predetermined time to every channel of the first... ...system, the method comprising the following steps: a first subscriber station detects that the signalling **channel** used by it is **assigned** as a traffic **channel** for communication between a **second subscriber** station and a **first** base station, and the **first** subscriber station stays to listen for a predetermined time to the inband signalling on said...

Claims: ...method being characterised in that

the first subscriber station (MS1, 600) detects that the signalling **channel** used by it is **assigned** as a traffic **channel** for communication between the **second subscriber** station (MS2, 600) and the **first** base station (BS1, 101), and

the first subscriber station (MS1, 600) stays to listen for... ...a signalling channel.

2. The method according to claim 1, characterised in that when said **channel** assigned for communication between the second subscriber station (MS2, 600) and the first base station... ...method being characterised in that

the first subscriber station (MS1, 600) detects that the signalling **channel** used by it is **assigned** as a traffic **channel** for communication between the **second subscriber** station (MS2, 600) and the **first** base station (BS1, 101),

the first subscriber station (MS1, 600) stays to listen for a...

II. Inventor Search Results from Dialog

? t /3,k/all

11/3,K/1 (Item 1 from file: 23) [Links](#)

CSA Technology Research Database

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0008747330 IP Accession No: 200803-71-190047; 200803-61-189646; 2008180574; A08-99-185056

Shared usage telecommunications billing system and method

Bevente, Guy; Paquette, Michael Thane; Koeppen, Gregg R; Moran, Douglas Robert; Roper, Danny Lee; Wolken, Kimberly Renee; Anderson, Jennifer Lynn
, USA

Publisher Url: [http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netahtml/PTO/search-adv.htm&r=1&p=1&f=G&l=50&d=PTXT&S1=73 21656.PN.&OS=pn/7321656&RS=PN/7321656](http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netahtml/PTO/search-adv.htm&r=1&p=1&f=G&l=50&d=PTXT&S1=73%201656.PN.&OS=pn/7321656&RS=PN/7321656)

Document Type: Patent

Record Type: Abstract

Language: English

File Segment: Metadex; Mechanical & Transportation Engineering Abstracts; ANTE: Abstracts in New Technologies and Engineering; Aerospace & High Technology

Bevente, Guy; Paquette, Michael Thane; Koeppen, Gregg R; Moran, Douglas Robert; Roper, Danny Lee; Wolken, Kimberly Renee; Anderson, Jennifer Lynn

11/3,K/2 (Item 1 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0017625799 & *Drawing available*

WPI Acc no: 2008-E46246/200830

Related WPI Acc No: 2005-252015

XRPX Acc No: N2008-349069

Telecommunications billing system for providing invoice of shared long distance service's usage, has billing module calculating excess charges, when cumulative usage that includes sum of sets of usage data exceeds allotment

Patent Assignee: SBC KNOWLEDGE VENTURES LP (SBCK-N)

Inventor: **ANDERSON J L; BEVENTE G; KOEPPEN G R; MORAN D R ; PAQUETTE M T; ROPER D L; WOLKEN K R**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20080069324	A1	20080320	US 2003655576	A	20030904	200830	B
			US 2007943230	A	20071120		

Priority Applications (no., kind, date): US 2003655576 A 20030904; US 2007943230 A 20071120

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes		
US 20080069324	A1	EN	23	13	Continuation of application	US 2003655576	
					Continuation of patent	US 7321656	

Inventor: **ANDERSON J L...** **BEVENTE G...** **KOEPPEN G R...** **MORAN D R...** **ROPER D L...**
WOLKEN K R Original Publication Data by AuthorityArgentinaPublication No. Inventor name &
address:Bevente, Guy... Koeppen, Gregg R... Moran, Douglas Robert... Roper, Danny Lee...
Wolken, Kimberly Renee... Anderson, Jennifer Lynn

11/3,K/3 (Item 2 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0014912909 & *Drawing available*

WPI Acc no: 2005-260579/200527

XRPX Acc No: N2005-213896

Bill e.g. local phone bill, providing method, involves distributing bill with shared account information, which identifies shared telecommunication units that is used with land-line and mobile services, to subscriber

Patent Assignee: SBC KNOWLEDGE VENTURES LP (SBCK-N)

Inventor: **ANDERSON J L; BEVENTE G; KOEPPEN G R; MORAN D R; PAQUETTE M T; ROPER D L; THANE-PAQUETTE M; WOLKEN K R**

Patent Family (3 patents, 106 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050055291	A1	20050310	US 2003654859	A	20030904	200527	B
WO 2005026879	A2	20050324	WO 2004US27144	A	20040820	200527	E
GB 2420890	A	20060607	WO 2004US27144	A	20040820	200637	E
			GB 20062971	A	20060214		

Priority Applications (no., kind, date): US 2003654859 A 20030904

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes		
US 20050055291	A1	EN	22	13			
WO 2005026879	A2	EN					

National Designated States, Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States, Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					
GB 2420890	A	EN			PCT Application	WO 2004US27144
					Based on OPI patent	WO 2005026879

Inventor: ANDERSON J L... ..BEVENTE G... ..KOEPPEN G R... ..MORAN D R... ..ROPER D L... ..WOLKEN K R Original Publication Data by AuthorityArgentinaPublication No. Inventor name & address:BEVENTE G... ..KOEPPEN G R... ..MORAN D R... ..WOLKEN K R... ..ANDERSON J L... ..Bevente, Guy... ..Koeppen, Gregg R... ..Moran, Douglas Robert... ..Roper, Danny Lee... ..Wolken, Kimberly Renee... ..Anderson, Jennifer Lynn... ..BEVENTE, Guy... ..KOEPPEN, Gregg, R... ..MORAN, Douglas, Robert... ..ROPER, Danny, Lee... ..WOLKEN, Kimberly, Renee... ..ANDERSON, Jennifer, Lynn

11/3,K/4 (Item 3 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0014912908 & & Drawing available

WPI Acc no: 2005-260578/200527

CRPX Acc no: N2005-213895

Shared telecommunication account for telecommunication industry, has shared telecommunication units used in connection with telecommunication services so that units are allocated to account for usage by subscriber of services

Patent Assignee: SBC KNOWLEDGE VENTURES LP (SBCK-N)

Inventor: ANDERSON J L; BEVENTE G; KOEPPEN G R; MORAN D R ; PAQUETTE M T; ROPER D L; WOLKEN K R

Patent Family (2 patents, 106 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050055288	A1	20050310	US 2003654862	A	20030904	200527	B
WO 2005026880	A2	20050324	WO 2004US27572	A	20040824	200527	E

Priority Applications (no., kind, date): US 2003654862 A 20030904

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing	Notes
US 20050055288	A1	EN	22	13		
WO 2005026880	A2	EN				

National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Inventor: **ANDERSON J L...** **BEVENTE G...** **KOEPPEN G R...** **MORAN D R...** **ROPER D L...**
...WOLKEN K R Original Publication Data by AuthorityArgentinaPublication No. Inventor name &
address:Bevente, Guy... **Koeppen, Gregg R...** **Moran, Douglas Robert...** **Roper, Danny Lee...**
...Wolken, Kimberly Renee... **Anderson, Jennifer Lynn...** **BEVENTE, Guy...** **KOEPPEN, Gregg R...** **...MORAN, Douglas Robert...** **ROPER, Danny Lee...** **WOLKEN, Kimberly Renee...**
...ANDERSON, Jennifer Lynn

11/3,K/5 (Item 4 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0014904238 & *Drawing available*

WPI Acc no: 2005-252015/200526

Related WPI Acc No: 2008-E46246

XRPX Acc No: N2005-207439

Telecommunications billing system for providing an invoice with shared services usage, has billing module to generate billing data utilizing allocation of shared telecommunications units and sets of service usage data

Patent Assignee: SBC KNOWLEDGE VENTURES LP (SBCK-N)

Inventor: **ANDERSON J L; BEVENTE G; KOEPPEN G R; MORAN D R ; PAQUETTE M T; ROPER D L; WOLKEN K R**

Patent Family (3 patents, 106 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050053211	A1	20050310	US 2003655576	A	20030904	200526	B
WO 2005026876	A2	20050324	WO 2004US26696	A	20040817	200526	E
US 7321656	B2	20080122	US 2003655576	A	20030904	200807	E

Priority Applications (no., kind, date): US 2003655576 A 20030904

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing	Notes
US 20050053211	A1	EN	23	13		
WO 2005026876	A2	EN				

National Designated States, Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Regional Designated States, Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Inventor: **ANDERSON, J L...** **BEVENTE, G...** **KOEPPEN, G R...** **MORAN, D R...** **ROPER, D L...**
...WOLKEN, K R Original Publication Data by Authority Argentina Publication No. Inventor name & address: **Bevente, Guy...** **Koeppen, Gregg R...** **Moran, Douglas Robert...** **Roper, Danny Lee...**
...Wolken, Kimberly Renee... **Anderson, Jennifer Lynn...** **Bevente, Guy...** **Koeppen, Gregg R...**
...Moran, Douglas Robert... **Roper, Danny Lee...** **Wolken, Kimberly Renee...** **Anderson, Jennifer Lynn...** **BEVENTE, Guy...** **KOEPPEN, Gregg, R...** **MORAN, Douglas, Robert...** **ROPER, Danny, Lee...** **WOLKEN, Kimberly, Rennee...** **ANDERSON, Jennifer, Lynn**

11/3K/6 (Item 1 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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01902840

SHARED USAGE TELECOMMUNICATIONS BILLING SYSTEM AND METHOD
SYSTEME ET PROCEDE DE FACTURATION PARTAGEE DE TELECOMMUNICATIONS

Patent Assignee:

- **SBC Knowledge Ventures L.P.;** (4667000)
645 E. Plumb Lane; Reno, NV 89502; (US)
(Applicant designated States: all)

Inventor:

- **BEVENTE, Guy**
4N633 Mountain Ash; Wayne, IL 60184; (US)
- **PAQUETTE, Michael, Thane**
2308 Picardy Place Drive; Chesterfield, MO 63017; (US)
- **KOEPPEN, Gregg, R.**
761 Overland Trail; Grafton, WI 53024; (US)
- **MORAN, Douglas, Robert**
1632 North Clear Creek Place; Danville, CA 94526; (US)
- **ROPER, Danny, Lee**
16426 Centerpointe Cr.; Grover, MO 63040; (US)

- **WOLKEN, Kimberly, Renee**
451 Brighton Way; Livermore, CA 94550; (US)
- **ANDERSON, Jennifer, Lynn**
4630 N. Magnolia 1N; Chicago, IL 60640; (US)
- **BEVENTE, Guy... ..US)**
;;
- **KOEPPEN, Gregg, R... ..US)**
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- **MORAN, Douglas, Robert... ..US)**
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- **ROPER, Danny, Lee... ..US)**
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- **WOLKEN, Kimberly, Renee... ..US)**
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- **ANDERSON, Jennifer, Lynn...**
;;

	Country	Number	Kind	Date
	WO	2005026879		20050324
Application	EP	2004781762		20040820
	WO	2004US27144		20040820
Priorities	US	654859		20030904

Designated States:

AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IT; LI; LU; MC;
NL; PL; PT; RO; SE; SI; SK; TR;

Extended Designated States:

AL; HR; LT; LV; MK;

International Patent Class (V7): G06F-001/00

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
Total Word Count (Document A)			
Total Word Count (Document B)			
Total Word Count (All Documents)			

11/3K/7 (Item 2 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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01899565

SHARED USAGE TELECOMMUNICATIONS BILLING SYSTEM AND METHOD
SYSTEME ET PROCEDE DE FACTURATION DE SERVICES TELECOMMUNICATIONS PARTAGES

Patent Assignee:

- **SBC Knowledge Ventures L.P.;** (4667000)
 645 E. Plumb Lane; Reno, NV 89502; (US)
 (Applicant designated States: all)

Inventor:

- **BEVENTE, Guy**
40633 Mountain Ash; Wayne, IL 60184; (US)
- **PAQUETTE, Michael Thane**
 2308 Picardy Place Drive; Chesterfield, MI 63017; (US)
- **KOEPPEN, Gregg R.**
 761 Overland Trail; Grafton, WI 53024; (US)
- **MORAN, Douglas Robert**
 1632 North Clear Creek Place; Danville, CA 94526; (US)
- **ROPER, Danny Lee**
 16426 Centerpointe Cr.; Grover, MI 63040; (US)
- **WOLKEN, Kimberly Renee**
 451 Brighton Way; Livermore, CA 94550; (US)
- **ANDERSON, Jennifer Lynn**
 4630 N. Magnolia 1N; Chicago, IL 60640; (US)
- **BEVENTE, Guy... ..US)**
 ; ;
- **KOEPPEN, Gregg R... ..US)**
 ; ;
- **MORAN, Douglas Robert... ..US)**
 ; ;
- **ROPER, Danny Lee... ..US)**
 ; ;
- **WOLKEN, Kimberly Renee... ..US)**
 ; ;
- **ANDERSON, Jennifer Lynn...**
 ; ;

	Country	Number	Kind	Date
	WO	2005026880		20050324
Application	EP	2004782130		20040824
	WO	2004US27572		20040824
Priorities	US	654862		20030904

Designated States:

AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;

FI; FR; GB; GR; HU; IE; IT; LI; LU; MC;
NL; PL; PT; RO; SE; SI; SK; TR;

Extended Designated States:

AL; HR; LT; LV; MK;

International Patent Class (V7): G06F-001/00

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
Total Word Count (Document A)			
Total Word Count (Document B)			
Total Word Count (All Documents)			

11/3K/8 (Item 3 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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01899537

SHARED USAGE TELECOMMUNICATIONS BILLING SYSTEM AND METHOD

SYSTEME ET PROCEDE DE FACTURATION DE TELECOMMUNICATIONS A UTILISATION
PARTAGEE

Patent Assignee:

- **SBC Knowledge Ventures L.P.**; (4667001)
645 E. Plumb Lane; Reno, NV 98502; (US)
(Applicant designated States: all)

Inventor:

- **BEVENTE, Guy**
4N633 Mountain Ash; Wayne, IL 60184; (US)
- **PAQUETTE, Michael, Thane**
2308 Picardy Place Drive; Chesterfield, MO 63017; (US)
- **KOEPPEN, Gregg, R.**
761 Overland Trail; Grafton, WI 53024; (US)
- **MORAN, Douglas, Robert**
1632 North Clear Creek Place; Danville, CA 94526; (US)
- **ROPER, Danny, Lee**
16426 Centerpointe Cr.; Grover, MO 63040; (US)
- **WOLKEN, Kimberly, Rennee**
451 Brighton Way; Livermore, CA 94550; (US)

- **ANDERSON, Jennifer, Lynn**
4630 N. Magnolia 1N; Chicago, IL 60640; (US)
- **BEVENTE, Guy... ..US)**
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- **KOEPPEN, Gregg, R... ..US)**
;;
- **MORAN, Douglas, Robert... ..US)**
;;
- **ROPER, Danny, Lee... ..US)**
;;
- **WOLKEN, Kimberly, Rennee... ..US)**
;;
- **ANDERSON, Jennifer, Lynn...**
;;

	Country	Number	Kind	Date
	WO	2005026876		20050324
Application	EP	2004781400		20040817
	WO	2004US26696		20040817
Priorities	US	655576		20030904

Designated States:

AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IT; LI; LU; MC;
NL; PL; PT; RO; SE; SI; SK; TR;

Extended Designated States:

AL; HR; LT; LV; MK;

International Patent Class (V7): G06F-001/00

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
Total Word Count (Document A)			
Total Word Count (Document B)			
Total Word Count (All Documents)			

11/3K/9 (Item 1 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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01219596

SHARED USAGE TELECOMMUNICATIONS BILLING SYSTEM AND METHOD

SYSTEME ET PROCEDE DE FACTURATION DE SERVICES TELECOMMUNICATIONS PARTAGES

Patent Applicant/Patent Assignee:

- SBC KNOWLEDGE VENTURES LP**

645 E. Plumb Lane, Reno, NV 98502; US; US (Residence); US (Nationality); (For all designated states except: US)

Inventor(s):

- BEVENTE Guy**

40633 Mountain Ash, Wayne, IL 60184; US; (Designated for all)

- PAQUETTE Michael Thane**

2308 Picardy Place Drive, Chesterfield, MI 63017; US; (Designated for all)

- KOEPPEN Gregg R**

761 Overland Trail, Grafton, WI 53024; US; (Designated for all)

- MORAN Douglas Robert**

1632 North Clear Creek Place, Danville, CA 94526; US; (Designated for all)

- ROPER Danny Lee**

16426 Centerpointe Cr., Grover, MI 63040; US; (Designated for all)

- WOLKEN Kimberly Renee**

451 Brighton Way, Livermore, CA 94550; US; (Designated for all)

- ANDERSON Jennifer Lynn**

4630 N. Magnolia #1N, Chicago, IL 60640; US; (Designated for all)

- BEVENTE Guy... ..Designated for all)**

- KOEPPEN Gregg R... ..Designated for all)**

- MORAN Douglas Robert... ..Designated for all)**

- ROPER Danny Lee... ..Designated for all)**

- WOLKEN Kimberly Renee... ..Designated for all)**

- ANDERSON Jennifer Lynn...**

Legal Representative:

- TOLER Jeffrey G(agent)**

5000 Plaza on the Lake, Suite 265, Austin, TX 78746; US;

	Country	Number	Kind	Date
Patent	WO	200526880	A2-A3	20050324
Application	WO	2004US27572		20040824

Priorities	US	2003654862	20030904
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Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;
I

Publication Language: English

Filing Language: English

Fulltext word count: 8405

11/3K/10 (Item 2 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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01219580

SHARED USAGE TELECOMMUNICATIONS BILLING SYSTEM AND METHOD
SYSTEME ET PROCEDE DE FACTURATION PARTAGEE DE TELECOMMUNICATIONS

Patent Applicant/Patent Assignee:

• SBC KNOWLEDGE VENTURES L P

645 E. Plumb Lane, Reno, NV 98502; US; US(Residence); US(Nationality); (For all designated states except: US)

Inventor(s):

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4N633 Mountain Ash, Wayne, IL 60184; US

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• ROPER Danny Lee

16426 Centerpointe Cr., Grover, MO 63040; US

• WOLKEN Kimberly Renee

451 Brighton Way, Livermore, CA 94550; US

• ANDERSON Jennifer Lynn

4630 N. Magnolia #1N, Chicago, IL 60640; US;

- BEVENTE Guy... ..KOEPPEN Gregg R... ..MORAN Douglas Robert... ..ROPER Danny Lee... ..WOLKEN Kimberly Renee... ..ANDERSON Jennifer Lynn**

Legal Representative:**• TOLER Jeffrey G(agent)**

5000 Plaza on the Lake, Suite 265, Austin, TX 78746; US;

	Country	Number	Kind	Date
Patent	WO	200526879	A2-A3	20050324
Application	WO	2004US27144		20040820
Priorities	US	2003654859		20030904

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)
AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;

Publication Language: English

Filing Language: English

Fulltext word count: 8992

11/3K/11 (Item 3 from file; 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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01219567

SHARED USAGE TELECOMMUNICATIONS BILLING SYSTEM AND METHOD
SYSTEME ET PROCEDE DE FACTURATION DE TELECOMMUNICATIONS A UTILISATION
PARTAGEE

Patent Applicant/Patent Assignee:**• SBC KNOWLEDGE VENTURES LP**

645 E. Plumb Lane, Reno, NV 98502; US; US (Residence); US (Nationality); (For all designated states except: US)

Inventor(s):**• BEVENTE Guy**

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• KOEPPEN Gregg R

761 Overland Trail, Grafton, WI 53024; US; (Designated for all)

• MORAN Douglas Robert

1632 North Clear Creek Place, Danville, CA 94526; US; (Designated for all)

• ROPER Danny Lee

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4630 N. Magnolia #1N, Chicago, IL 60640; US; (Designated for all)
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- **KOEPPEN Gregg R... ..Designated for all)**
- **MORAN Douglas Robert... ..Designated for all)**
- **ROPER Danny Lee... ..Designated for all)**
- **WOLKEN Kimberly Rennee... ..Designated for all)**
- **ANDERSON Jennifer Lynn...**

Legal Representative:

- **TOLER Jeffrey G(agent)**
5000 Plaza on the Lake, Suite 265, Austin, TX 78746; US;

	Country	Number	Kind	Date
Patent	WO	200526876	A2-A3	20050324
Application	WO	2004US26696		20040817
Priorities	US	2003655576		20030904

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)
AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;

Publication Language: English
Filing Language: English
Fulltext word count: 8867

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Text Search Results from Dialog

A. Abstract Files

? show files

[File 2] **INSPEC** 1898-2009/Nov W5
(c) 2009 Institution of Electrical Engineers. All rights reserved.

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**File 583: This file is no longer updating as of 12-13-2002.*

[File 23] **CSA Technology Research Database** 1963-2009/Dec
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(c) 2008 American Economic Association. All rights reserved.

[File 56] **Computer and Information Systems Abstracts** 1966-2009/Jan
(c) 2009 CSA. All rights reserved.

[File 344] **Chinese Patents Abs** Jan 1985-2006/Jan
(c) 2006 European Patent Office. All rights reserved.

[File 347] **JAPIO** Dec 1976-2008/Aug(Updated 081208)
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[File 350] **Derwent WPIX** 1963-2008/UD=200902
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[File 371] **French Patents** 1961-2002/BOPI 200209
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; d s
Set      Items      Description
S1       87433      S (SECOND OR 2ND OR SECONDARY OR 2 OR TWO OR DUAL OR DOUBLE) (3N) (RECIPIENT?
? OR RECEIVER? ? OR ADDRESSEE? ? OR ACCEPT?R OR ENROLLE?? OR SUBSCRIBER? ? OR SENDEE? ?)
S2       87007      S (ACCOUNT? ? OR SUBSCRIPTION? ? OR CHANNEL? ? OR PATH? ? OR PASSAGE? ? OR
RECORD? ?) (3N) (ALLOCATION? ? OR ALLOTMENT?? OR DISTRIBUTION? ? OR ASSIGN? OR REDISTRIBUTION?
? OR SHAR???)
S3       30895      S (SHARE OR SHARED OR SHARING OR ALLOTTED OR ALLOCATED OR
ASSIGNED) (3N) (ACCOUNT? ? OR SUBSCRIPTION? ? OR CHANNEL? ? OR PATH? ? OR PASSAGE? ? OR RECORD?
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S4       10147      S S3(3N) (ALLOCATION? ? OR ALLOTMENT?? OR DISTRIBUTION? ? OR ASSIGN? OR
REDISTRIBUTION? ?)
S5       239        (UNSHARED OR UNSHARED OR UNALLOTTED OR UNALLOCATED OR UNASSIGNED OR (?NOT? OR
NON) ) (SHARE OR SHARED OR SHARING OR ALLOTTED OR ALLOCATED OR ASSIGNED) (3N) (ACCOUNT? ? OR
SUBSCRIPTION? ? OR CHANNEL? ? OR PATH? ? OR PASSAGE? ? OR RECORD? ?) FR
S6       63         S S5(7N) (ALLOCATION? ? OR ALLOTMENT?? OR DISTRIBUTION? ? OR ASSIGN? OR
REDISTRIBUTION? ?)
S7       533271     S (USE OR USING OR USED OR APPL? OR EMPLOY??? OR UTILI?ATION OR
UTILI????) (3N) (FIRST OR 1ST OR INITIAL OR PRIMARY)
S8       2006      S S7(3N) (RECIPIENT? ? OR RECEIVER? ? OR ADDRESSEE? ? OR ACCEPT?R OR ENROLLE??
OR SUBSCRIBER? ? OR SENDEE? ?)
S9       332323     S (USE OR USING OR USED OR APPL? OR EMPLOY??? OR UTILI?ATION OR
UTILI????) (3N) (ACCOUNT? ? OR SUBSCRIPTION? ? OR CHANNEL? ? OR PATH? ? OR PASSAGE? ? OR
RECORD? ?)
S10      2819160    S (FIRST OR 1ST OR INITIAL OR PRIMARY OR ORIGINAL) (10N) (SECOND OR 2ND OR
SECONDARY OR DUAL OR DOUBLE)

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S11 248904 S (RESTRICT??? OR LIMIT??? OR CONSTRAIN? OR MINIMAL) (3N) (USE OR USING OR USED OR APPL? OR EMPLOY??? OR UTILI?ATION OR UTILI????)

S12 21612 S AU=(BEVENTE, G? OR BEVENTE G? OR BEVENTE(2N)G? OR THANE?, M? OR THANE? M? OR THANE?(2N)M? OR KOEPPEN, G? OR KOEPPEN G? OR KOEPPEN(2N)G? OR MORAN, D? OR MORAN D? OR MORAN(2N)D? OR ROPER, D? OR ROPER D? OR ROPER(2N)D? OR WOLKEN, K? OR WOLKEN K? OR WOLKEN(2N)K? OR ANDERSON, J? OR ANDERSON J? OR ANDERSON(2N)J?)

S13 17 S S12 AND S1

S14 2 S S13 AND S2

S15 805 S S1 AND S2

S16 428 S S15 AND S3

S17 241 S S16 AND S4

S18 3 S S17 AND S5

S19 3 S S16 AND S6

S20 99 S S15 AND S7

S21 43 S S20 AND S8

S22 31 S S21 AND S9

S23 30 S S22 AND S10

S24 0 S S23 AND S11

S25 0 S S22 AND S11

S26 32 S S18 OR S19 OR S23

S27 15 S S26 NOT PY>2003

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27/3,K/1 (Item 1 from file: 350) [Links](#)

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0012406206 & & *Drawing available*

WPI Acc no: 2002-350257/200238

Related WPI Acc No: 2002-589772

XRPX Acc No: N2002-275090

Subscriber terminal of cellular phone system, has call processor which receives traffic channel allocation message including polarization allocated based on measured signal strength

Patent Assignee: ERICSSON INC (TELF)

Inventor: DENT P W

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6356771	B1	20020312	US 1998113316	A	19980710	200238	B

Priority Applications (no., kind, date): US 1998113316 A 19980710

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6356771	B1	EN	16	9	

Subscriber terminal of cellular phone system, has call processor which receives traffic channel allocation message including polarization allocated based on measured signal strength Alerting

Abstract ...of different polarizations selected by a control processor (14). A call processor receives a traffic **channel allocation** message including a polarization allocated based on the measured signal strength.

...ADVANTAGE - The measurement of signal strength enables **channel allocation** unit to allocate optimum channel and polarization for connecting a call... Original Publication Data by Authority Argentina **Publication No. ...Original Abstracts:**right hand circular antennas and polarization and which also measures interference levels on different frequency **channels** that are **used** for allocating an optimum channel and polarization for connecting a call. Each of the outstations... **Claims:**A subscriber terminal, comprising:an antenna for receiving and transmitting signals;a **first** and **second** duplexer connected to the antenna to receive and transmit different polarizations simultaneously;a polarization diversity receiver connected to the **first** and **second** duplexer for combining **two** signals to enhance **reception** of signals having a desired polarization while suppressing reception of signals having undesired polarization;a signal strength measurement means that evaluates signal strength received on various **channels** by **first using** select diversity combining coefficients the polarization **diversity receiver has determined** to be optimum for receiving a channel from a selected serving base station and then secondly **using** diversity combining coefficients modified to correspond to the other **polarization** for controlling the **first** and second duplexer and measuring signal strengths **using the selected** control **channel** polarization and a nominally orthogonal **polarization**; and a call **processing** means for receiving a traffic **channel allocation** message including a polarization allocated in dependence on the signal **strength measurements**.>

27/3,K/2 (Item 2 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0010070612 & *Drawing available*

WPI Acc no: 2000-376711/200032

XXPX Acc No: N2000-282828

Centralized financial transaction control for use with on-line financial service providers, involves generating instructions based on subscriber input, which are executed in coordination by service providers

Patent Assignee: ONECORE FINANCIAL NETWORK INC (ONEC-N); STAR B (STAR-I)

Inventor: STAR B; STARR B

Patent Family (8 patents, 24 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2000028462	A1	20000518	WO 1999US26371	A	19991109	200032	B
AU 200015214	A	20000529	AU 200015214	A	19991109	200041	E
EP 1129392	A1	20010905	EP 1999957528	A	19991109	200151	E
			WO 1999US26371	A	19991109		
KR 2001090836	A	20011019	KR 2001705851	A	20010509	200221	E
US 20020062270	A1	20020523	US 1998107731	P	19981109	200239	E
			US 1999437000	A	19991109		
JP 2002529861	W	20020910	WO 1999US26371	A	19991109	200274	E
			JP 2000581577	A	19991109		
US 6606606	B2	20030812	US 1998107731	P	19981109	200355	E
			US 1999437000	A	19991109		
US 20030216990	A1	20031120	US 1998107731	P	19981109	200377	E
			US 1999437000	A	19991109		

			US 2003462433	A	20030616		
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Priority Applications (no., kind, date): US 1998107731 P 19981109; US 1999437000 A 19991109; US 2003462433 A 20030616

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2000028462	A1	EN	30	6		
National Designated States,Original	AU CA JP KR					
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
AU 200015214	A	EN			Based on OPI patent	WO 2000028462
EP 1129392	A1	EN			PCT Application	WO 1999US26371
					Based on OPI patent	WO 2000028462
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
US 20020062270	A1	EN			Related to Provisional	US 1998107731
JP 2002529861	W	JA	31		PCT Application	WO 1999US26371
					Based on OPI patent	WO 2000028462
US 6606606	B2	EN			Related to Provisional	US 1998107731
US 20030216990	A1	EN			Related to Provisional	US 1998107731
					Continuation of application	US 1999437000
					Continuation of patent	US 6606606

Alerting Abstract DESCRIPTION - The subscriber generates sub-accounts and assigns privileges to each sub-account to control access to the available financial services. The subscriber... Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**instructions for a first of said financial service providers and a set of instructions for a **second** different financial service provider, andproviding said sets of instructions to respective ones of said... providers,providing the subscriber with a control to initiate a financial transaction to combine a **first** service provided by a first financial service provider with a second different service provided by a **second** different financial service provider to create a **third service** different from the **first service** and the **second** service,generating a **first** set of instructions for the **first** financial service provider to perform the **first** service, the **first** set of instructions including instructions for **employing the account** data to **access** the accounts maintained by the **subscriber** at the **first** financial service provider,generating a **second** set of instructions for the **second** different financial service **provider** to perform the **second** different service, the **second** set of instructions including instructions for **employing the account** data to **access** the accounts maintained by the **subscriber** at the **second** different financial service provider, andproviding the **first** and **second** sets of instructions to the **first** and **second** financial service providers, where execution of at least **one** of the **first** set and the **second** set of instructions coordinates respective **operation** of the respective **first** and **second** financial service providers to achieve the third service different from the **first** service and the **second** service..... performing a business operation by brokering a transaction between different financial providers to combine a **first** service provided by a first financial **service** provider with a **second** different service provided by a **second** different financial **service** provider to create a service different from the **first** or **second** service,generating at the server, in response to

the subscriber activating said control, a first set of **instructions** for said **first financial service** provider to perform said **first service**, said **first** set of instructions **including** instructions for **employing** said **account** data to access said accounts maintained **by** said **subscriber** at said **first** financial service provider, generating at the server, subsequent to generating said **first** set of instructions, a **second** set of **instructions** for said **second** different financial service **provider** to perform said **second** different service, said **second** set of instructions **including** instructions for **employing** said **account** data to access said accounts maintained **by** said **subscriber** at said **second** different financial service provider, and providing from the **server** said sets of instructions to respective ones of said financial **service** providers, whereby execution of said **second** set of instructions is in **response** to execution of the **first** set of instructions to coordinate respective operation of said respective ones of said financial service **providers** to achieve an integrated financial transaction for said subscriber.

27/3,K/3 (Item 3 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

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0009766507 & *Drawing available*

WPI Acc no: 2000-053645/200004

XRPX Acc No: N2000-041790

Signal transmission method especially for mobile radio system - deriving control signal from comparison of corresponding characteristic values for selecting transmission path individual for radio channel for successive signal

Patent Assignee: SIEMENS AG (SIEI)

Inventor: DAUERER J; EMMER D; MERZ P; MONSCHAU J; SOKAT J; WEBER P; WIECHERT H

Patent Family (9 patents, 20 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1999062198	A1	19991202	WO 1999DE1316	A	19990503	200004	B
DE 19824152	A1	19991216	DE 19824152	A	19980529	200005	E
AU 199946020	A	19991213	AU 199946020	A	19990503	200020	E
EP 1080550	A1	20010307	EP 199929091	A	19990503	200114	E
			WO 1999DE1316	A	19990503		
CN 1303544	A	20010711	CN 1999806766	A	19990503	200159	E
AU 754332	B	20021114	AU 199946020	A	19990503	200303	E
EP 1080550	B1	20030326	EP 199929091	A	19990503	200323	E
			WO 1999DE1316	A	19990503		
DE 59904739	G	20030430	DE 59904739	A	19990503	200330	E
			EP 199929091	A	19990503		
			WO 1999DE1316	A	19990503		
DE 19824152	C2	20030605	DE 19824152	A	19980529	200339	E

Priority Applications (no., kind, date): DE 19824152 A 19980529

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 1999062198	A1	DE	34	5	

National Designated States,Original	AU CN US					
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
AU 199946020	A	EN			Based on OPI patent	WO 1999062198
EP 1080550	A1	DE			PCT Application	WO 1999DE1316
					Based on OPI patent	WO 1999062198
Regional Designated States,Original	DE FR GB					
AU 754332	B	EN			Previously issued patent	AU 9946020
					Based on OPI patent	WO 1999062198
EP 1080550	B1	DE			PCT Application	WO 1999DE1316
					Based on OPI patent	WO 1999062198
Regional Designated States,Original	DE FR GB					
DE 59904739	G	DE			Application	EP 199929091
					PCT Application	WO 1999DE1316
					Based on OPI patent	EP 1080550
					Based on OPI patent	WO 1999062198

Alerting Abstract ...fine structure. At least one radio channel is allocated for the signal transmission between a **first** radio station (BS) and a **second** radio station (MS)... Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**communication system, wherein at least one radio channel is allocated for signal transmission between a **first** and a **second radio** station and **at least one** signal is transmitted via at least one transmission path. At least one characteristic... from the comparison of the corresponding characteristic values, said signal being used for individually selecting **the transmission path** for the radio channel to transmit a following signal... communication system, wherein at least one radio channel is allocated for signal transmission between a **first** and a **second** radio station and at least one signal is transmitted via **at least one transmission** path. At least one characteristic value pertaining to transmission conditions on the radio interface is... transmission path. A control signal is derived from the comparison of the corresponding characteristic values, **said** signal being **used** for individually selecting the transmission path for the radio **channel** to transmit a **following** signal... **Claims:**band (B) and a connection-specific fine structure (c), in which at least one radio **channel** is **assigned** for the signal transmission between a **first radio station** (BS) and a **second** radio station (MS), at least one signal is transmitted by way of at least two... RXLEV, RXQUAL, ta, C/I) is determined for each transmission path with respect to the **transmission** conditions **on** the radio interface, by performing a **comparison** of the characteristic values (RXLEV, RXQUAL, ta, C/I) corresponding to one another, a control signal (stsig) is derived, by means...

27/3,K/4 (Item 4 from file: 350) [Links](#)

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0009420115 & *Drawing available*
WPI Acc no: 1999-357686/199930

XRPX Acc No: N1999-266312

Return link for satellite communication system

Patent Assignee: SHIRON SATELLITE COMMUNICATIONS 1996 LTD (SHIR-N)

Inventor: BARDA A; GOLDENBERG S; LAUFER S; REICHMAN A

Patent Family (5 patents, 82 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1999026422	A2	19990527	WO 1998IL542	A	19981108	199930	B
AU 199910509	A	19990607	AU 199910509	A	19981108	199943	E
EP 972366	A2	20000119	EP 1998952995	A	19981108	200009	E
			WO 1998IL542	A	19981108		
US 6240073	B1	20010529	US 1997970922	A	19971114	200132	E
IL 130948	A	20030706	IL 130948	A	19981108	200357	E

Priority Applications (no., kind, date): US 1997970922 A 19971114

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1999026422	A2	EN	57	14		
National Designated States,Original	AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
AU 199910509	A	EN			Based on OPI patent	WO 1999026422
EP 972366	A2	EN			PCT Application	WO 1998IL542
					Based on OPI patent	WO 1999026422
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
IL 130948	A	EN			Based on OPI patent	WO 1999026422

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**hopping code division multiple access technique (NS/FH/CDMA). The second communication scheme uses a **channel assignment** method based on a frequency division multiple access (FDMA) technique. Data generated by a user is transmitted utilizing one of... method. On the other hand, messages requiring a higher transmission rate, such as video conferencing **utilize the channel assignment method.** ... hopping code division multiple access technique (NS/FH/CDMA). The second communication scheme uses a **channel assignment** method based on a frequency division multiple access (FDMA) technique. Data generated by a user is transmitted utilizing one of... method. On the other hand, messages requiring a higher transmission rate, such as video conferencing, **utilize the channel assignment method.** ... link comprises two separate communication schemes used in combination to implement the return link of the satellite system. The **first** communication scheme uses a random access method based on a non-synchronous frequency hopping code division multiple access technique (NS/FH/CDMA). The second communication scheme uses a **channel**

assignment method based on a frequency division multiple access (**FDMA**) technique. Data generated by a user is transmitted utilizing one of the two communication schemes... method. On the other hand, messages requiring a higher transmission rate, such as video conferencing **utilize the channel assignment** method. ...**Claims:** data to be transmitted from said user terminal to said hub, said transmitter means including **first** communication means for transmitting short bursty data **in** combination with **second** communication means for continuous transmission of data; **switching** means coupled to said transmitter means for switching transmission between said **first** communication means and said second communication means in accordance with predefined criteria, and **receiver means** within said at least one hub adapted to receive data transmitted by said plurality of terminals **utilizing** either said **first** communication means or said second communication means; wherein said **receiver** means **comprises:** means for receiving data **transmitted** by said plurality of user terminals **using** said **first** communication means, said **first** communication means **utilizing** non synchronous frequency hopping code division **multiple** access **communications;** means for receiving data transmitted by said plurality of user terminals using said **second** communication means, said second communication means utilizing frequency division multiple access communications; and means for... preamble and synchronization message data transmitted by said plurality of user terminals precedent to transmissions **utilizing** said **first** communication means.

27/3,K/5 (Item 5 from file: 350) [Links](#)

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0009283834 & & *Drawing available*

WPI Acc no: 1999-213429/199918

Related WPI Acc No: 2001-158227

XRPX Acc No: N1999-156975

Broadband signal transmitter for telephone network

Patent Assignee: INT BUSINESS MACHINES CORP (IBM)

Inventor: GANEK A G; STERN E H; WILLNER B E

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5878047	A	19990302	US 1996751121	A	19961115	199918	B

Priority Applications (no., kind, date): US 1996751121 A 19961115

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 5878047	A	EN	11	7	

Alerting Abstract ...**ADVANTAGE** - Signal routing is independent of preexisting twisted pair circuit **paths** by **utilizing** installed twisted pair telephony network for broadband signal transmission. Enables broadband signals to piggy back... Original Publication Data by Authority **Argentina Publication No. ...Original Abstracts:** pair circuit and outputs a broadband signal for delivery to a subscriber location. A first **twisted** pair circuit is **utilized** as an intermediate **transmission path** for the broadband signals. A **distribution** module is coupled to the first twisted pair circuit and is connected to a destination.... twisted pair circuit;

are transparent to the baseband telephone signals and block the broadband signals. **Second** filter circuits are **connected** in the **first** twisted pair circuit; **are** transparent to baseband telephone signals and block the broadband signals. A coupling circuit connects the **first** and **second** filter circuits and **enables** passage of broadband signals from the network twisted pair circuit to the first twisted pair... ...**Claims:**and for carrying said baseband telephone signals thereto; a second twisted pair circuit for carrying **broadband** signals; distribution means coupled to said first twisted pair circuit, said **second** twisted pair circuit and to a broadband **subscriber** location via a destination twisted pair circuit, said broadband subscriber location and telephone subscriber location.... electrical interconnection; and said distribution means further including a broadband coupling circuit for connecting said **first** twisted pair circuit and said **second** twisted pair circuit, **and** for enabling broadband signal flow **between** said **first** twisted pair circuit and said broadband subscriber location but blocking baseband telephone signal flow therebetween.

27/3,K/6 (Item 6 from file: 350) [Links](#)

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0008699872 & *Drawing available*

WPI Acc no: 1998-239666/199821

XRPX Acc No: N1998-189611

Satellite communication system between satellite subscriber unit and earth unit - has instruction unit that tells users in group to operate in push-to-talk unit to unit mode on same frequency and channel

Patent Assignee: MOTOROLA INC (MOTI)

Inventor: FRENZER M W; GAYNOR M P; KURBY C N; LOCASCIO R J; ZOCHER J E

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5737685	A	19980407	US 1992841129	A	19920225	199821	B
			US 1994310355	A	19940921		
			US 1995575269	A	19951220		

Priority Applications (no., kind, date): US 1992841129 A 19920225; US 1994310355 A 19940921; US 1995575269 A 19951220

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 5737685	A	EN	8	4	Continuation of application	US 1992841129
					Continuation of application	US 1994310355

Alerting Abstract ...the group to operate in a push-to-talk unit to unit mode on the **assigned** same frequency and **channel** such that, within each group of subscriber units users, a subscriber unit of the group... ...to unit communication with other subscriber units of the group utilizing the same frequency and **channel assigned** to that group by transmitting and receiving on a push-to-talk basis on the **assigned** same frequency and **channel**. Original Publication Data by Authority Argentina **Publication No. ...Original Abstracts:**storage unit (203), and an instruction unit (205) such that a first subscriber unit (204) **initiates** unit to unit

communication with at least a **second** subscriber unit (206, ...) in the first **subscriber** unit's **user** group **utilizing** a multiple access **channel assigned** to that **group by** transmitting on an assigned satellite downlink frequency of the multiple-access **channel** on a push-to-talk basis. ...**Claims:**are geographically co-located, the assignment system comprising: an assignment unit for assignment of a **same** frequency and **channel** among a plurality of multiple-access channels to a group of subscriber unit users that... ... the group to operate in a push-to-talk unit to unit mode on the **assigned** same frequency and **channel** such that, within each group of subscriber units users, a subscriber unit of the group can perform unit to unit communication with other subscriber units of the group utilizing the same frequency and **channel assigned** to that group by transmitting and receiving on a **push-to-talk** basis on the **assigned** same frequency and **channel**.

27/3,K/7 (Item 7 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)
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0008467250 & Drawing available

WPI Acc no: 1997-481583/199745

XRPX Acc No: N1997-401413

Point to multipoint radio transmission system - has central station with modem for each available transmission channel between subscriber and central station

Patent Assignee: BOSCH GMBH ROBERT (BOSC)

Inventor: ALBERTY T; GOCKLER H; GOECKLER H

Patent Family (16 patents, 24 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
DE 19612108	A1	19971002	DE 19612108	A	19960327	199745	B
WO 1997036433	A1	19971002	WO 1996DE2349	A	19961207	199745	E
AU 199719208	A	19971017	AU 199719208	A	19961207	199807	E
FI 199801636	A	19980717	WO 1996DE2349	A	19961207	199842	E
CN 1115890	C	20030723	CN 1996199692	A	19961207	200548	E

Priority Applications (no., kind, date): DE 19612108 A 19960327

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
DE 19612108	A1	DE	12	6		
WO 1997036433	A1	DE	33	6		
National Designated States, Original	AU BR CN FI JP KR RU US					
Regional Designated States, Original	AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
AU 199719208	A	EN			Based on OPI patent	WO 1997036433
FI 199801636	A	FI			PCT Application	WO 1996DE2349
EP 890271	A1	DE			PCT Application	WO 1996DE2349
					Based on OPI patent	WO 1997036433
Regional Designated States, Original	CH DE ES FR GB IT LI SE					

AU 707804	B	EN			Previously issued patent	AU 9719208
					Based on OPI patent	WO 1997036433
BR 199612560	A	PT			PCT Application	WO 1996DE2349
					Based on OPI patent	WO 1997036433
JP 2000510664	W	JA	25		PCT Application	WO 1996DE2349
					Based on OPI patent	WO 1997036433
KR 2000004927	A	KO		6	PCT Application	WO 1996DE2349
					Based on OPI patent	WO 1997036433
US 6185202	B1	EN			PCT Application	WO 1996DE2349
					Based on OPI patent	WO 1997036433
RU 2160507	C2	RU			PCT Application	WO 1996DE2349
					Based on OPI patent	WO 1997036433
EP 890271	B1	DE			PCT Application	WO 1996DE2349
					Based on OPI patent	WO 1997036433
Regional Designated States,Original	CH DE ES FR GB IT LI SE					
DE 59608748	G	DE			Application	EP 1996946176
					PCT Application	WO 1996DE2349
					Based on OPI patent	EP 890271
					Based on OPI patent	WO 1997036433
ES 2168525	T3	ES			Application	EP 1996946176
					Based on OPI patent	EP 890271

Alerting Abstract ...made in the respective subscriber's stations, such that the bandwidth of the available radio **channel** is best **utilised**. Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**affected subscriber stations in such a way as to ensure optimal use of the **band width** of the available **channel**. To that end, the modems in the central station and subscriber stations are provided **with two** transmission signal pathways and two reception signal pathways ((ENC1, ENC2, IF1, IF2, MOD1, MOD2, DEM1... ... in affected subscriber stations in such a way that the bandwidth of the available radio **channel** is optimally **utilized**. For **this** purpose, the **modems** present in the central station and in the subscriber stations are equipped with **two** transmitted signal paths and two paths and two received signal paths, only one of received.... **Claims:**transmitting level, parameters for signal quality assessment - so that the bandwidth of the available radio **channel** is **used** to the optimum,**that** each modem (MDM) comprises two transmitting- and two receiving channels, the... ... the control device (SE) in the transmitting- or **receiving** channels,wherein, when the further transmission parameters are acquired, the control device switches to **the non-operating** channel, andwherein at least one modem of the station and subscriber modems includes:a:... ... at least one signal into at least two first subbands, wherein the at least one **transmitting** channel signal is **selectively** assigned to the at least **two** first subbands; and a second frequency splitter dividing the entire frequency band available for receiving the at least one signal into at least two second subbands, wherein the at least one subband signal is **selectively** assigned to the **two** receiving channels.

27/3,K/8 (Item 8 from file: 350) [Links](#)

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0008227374 & & Drawing available

WPI Acc no: 1997-333097/199730

XRFX Acc No: N1997-276449

Cellular radio frequency communication system - uses database of prior information about co-channel interference of terminals to assign channels, so excessive interference is concentrated into small number of channels marked for interference and not for communication

Patent Assignee: STANFORD TELECOM INC (STAN-N)

Inventor: SHOHARA A

Patent Family (10 patents, 25 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1997022218	A1	19970619	WO 1996US19224	A	19961211	199730	B
AU 199714083	A	19970703	AU 199714083	A	19961211	199743	E
EP 867096	A1	19980930	EP 1996944219	A	19961211	199843	E
			WO 1996US19224	A	19961211		
AU 727412	B	20001214	AU 199714083	A	19961211	200103	E
AU 200123166	A	20010510	AU 199714083	A	19961211	200131	NCE
			AU 200123166	A	20010221		
US 6301482	B1	20011009	US 1995570439	A	19951211	200162	E
US 6415131	B1	20020702	US 1995570439	A	19951211	200248	E
			US 2000711965	A	20001115		
AU 750523	B	20020718	AU 199714083	A	19961211	200258	NCE
			AU 200123166	A	20010221		
EP 867096	B1	20030319	EP 1996944219	A	19961211	200325	E
			WO 1996US19224	A	19961211		
DE 69626844	E	20030424	DE 69626844	A	19961211	200335	E
			EP 1996944219	A	19961211		
			WO 1996US19224	A	19961211		

Priority Applications (no., kind, date): US 1995570439 A 19951211; US 2000711965 A 20001115; AU 200123166 A 20010221

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes		
WO 1997022218	A1	EN	40	9			
National Designated States,Original	AU BR CA CN JP KR MX						
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE						
AU 199714083	A	EN			Based on OPI patent	WO 1997022218	
EP 867096	A1	EN			PCT Application	WO 1996US19224	
					Based on OPI patent	WO 1997022218	
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE						
AU 727412	B	EN			Previously issued patent	AU 9714083	
					Based on OPI patent	WO 1997022218	
AU 200123166	A	EN			Division of application	AU 199714083	

				Division of patent	AU 727412
US 6415131	B1	EN		Continuation of application	US 1995570439
AU 750523	B	EN		Division of application	AU 199714083
				Previously issued patent	AU 200123166
				Division of patent	AU 727412
EP 867096	B1	EN		PCT Application	WO 1996US19224
				Based on OPI patent	WO 1997022218
Regional Designated States, Original	AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE				
DE 69626844	E	DE		Application	EP 1996944219
				PCT Application	WO 1996US19224
				Based on OPI patent	EP 867096
				Based on OPI patent	WO 1997022218

...uses database of prior information about co-channel interference of terminals to assign channels, so excessive interference is concentrated into small number of channels marked for interference and not ... Original Publication Data by Authority Argentina **Publication No. ...Original Abstracts:** is a cellular radio communication channel previously assigned, nor will it jam other previously assigned channels; and wherein said programmed logic evaluates and creates an optimum channel assignment by the process of initially creating an ordered table for each terminal, listing for each assignable channel, any angular sector(s) of other base stations which would be co-channel jammed by that terminal assignment; on each

27/3,K/9 (Item 9 from file: 350) [Links](#)

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0007592757 & Drawing available

WPI Acc no: 1996-209430/199621

XRPX Acc No: N1996-175269

Optical transceiver detecting angular misalignment between two bodies - utilises light transmitter on first body and light receiver on second body, elevation azimuth channel and roll channel share common lens where beam is split between channels focusing light onto position detector

Patent Assignee: DRS/PHOTOTRONICS CORP (DRSP-N); DRS/PHOTRONICS CORP (DRSP-N)

Inventor: GRODEWALD K

Patent Family (4 patents, 62 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1996010729	A1	19960411	WO 1995US12668	A	19950929	199621	B
AU 199538881	A	19960426	AU 199538881	A	19950929	199631	E
EP 783663	A1	19970716	EP 1995938138	A	19950929	199733	E
			WO 1995US12668	A	19950929		
JP 10506992	W	19980707	WO 1995US12668	A	19950929	199837	E
			JP 1996512112	A	19950929		

Priority Applications (no., kind, date): US 1994315438 A 19940930

Patent Details						
Patent Number	Kind	Lang	Pgs	Draw	Filing Notes	
WO 1996010729	A1	EN	33	14		
National Designated States, Original	AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TT UA UG US UZ VN					
Regional Designated States, Original	AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG					
AU 199538881	A	EN			Based on OPI patent	WO 1996010729
EP 783663	A1	EN			PCT Application	WO 1995US12668
					Based on OPI patent	WO 1996010729
Regional Designated States, Original	BE DE DK ES FR GB GR NL SE					
JP 10506992	W	JA	46		PCT Application	WO 1995US12668
					Based on OPI patent	WO 1996010729

...utilises **light transmitter on first body and light receiver on second body, elevation azimuth channel and roll channel share common lens where beam is split between channels focusing light onto position detector** Original Publication Data by Authority Argentina **Publication No. ...Original Abstracts:** measuring angular misalignment between two bodies in elevation, azimuth and roll utilizes a light transmitter (40) coupled to a **first body** such as an aircraft fuselage reference and a light receiver (12) coupled to a **second body** such as an aircraft wing or pylon. The receiver has an elevation/azimuth (EL/AZ) channel and a roll **channel sharing** a common **objective lens**, wherein a beam splitter (45) splits the beam generated by the laser diode (10) between the two channels. In the EL/AZ **channel** lenses are **used** to focus light **onto** a position sensitive detector (PSD) (46), while in the roll channel, a Thompson beam-splitting... ... two bodies in elevation, azimuth and roll utilizes a light transmitter (40) coupled to a **first body** such as an aircraft fuselage reference and a light receiver (12) coupled to a **second body** such as an aircraft wing or pylon. **The receiver** has an elevation/azimuth (EL/AZ) channel and a roll **channel sharing** a common objective **lens**, wherein a beam **splitter (45)** splits the beam generated by the laser diode (10) between the two channels. In the EL/AZ **channel** lenses are **used** to focus light onto a **position** sensitive detector (**PSD**) (46), while in the roll channel, a Thompson beam-splitting prism (13') or other suitable...

27/3,K/10 (Item 10 from file: 350) [Links](#)

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0006935304 & & Drawing available

WPI Acc no: 1994-333548/199441

XRFX Acc No: N1994-261734

Signalling channel searching method in cellular radio system - has subscriber station monitoring through channels of its base station if signalling channel is re-allocated as traffic channel

Patent Assignee: NOKIA TELECOM OY (OYNO)

Inventor: LOEPPONEN J; LOPPONEN J

Patent Family (13 patents, 22 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1994023544	A1	19941013	WO 1994FI118	A	19940329	199441	B
FI 92786	B	19940915	FI 19931434	A	19930330	199441	E
AU 199464297	A	19941024	AU 199464297	A	19940329	199505	E
NO 199404582	A	19950127	WO 1994FI118	A	19940329	199513	E
			NO 19944582	A	19941129		
EP 653139	A1	19950517	EP 1994911958	A	19940329	199524	E
			WO 1994FI118	A	19940329		
JP 7507676	W	19950824	JP 1994521709	A	19940329	199542	E

Priority Applications (no., kind, date): FI 19931434 A 19930330

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes		
WO 1994023544	A1	EN	31	10			
National Designated States,Original	AU CN GB JP NO US						
Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE						
FI 92786	B	FI			Previously issued patent	FI 9301434	
AU 199464297	A	EN			Based on OPI patent	WO 1994023544	
NO 199404582	A	NO			PCT Application	WO 1994FI118	
EP 653139	A1	EN	31	10	PCT Application	WO 1994FI118	
					Based on OPI patent	WO 1994023544	
Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE						
JP 7507676	W	JA	1		PCT Application	WO 1994FI118	
					Based on OPI patent	WO 1994023544	
AU 671017	B	EN			Previously issued patent	AU 9464297	
					Based on OPI patent	WO 1994023544	
NO 312930	B1	NO			PCT Application	WO 1994FI118	
					Previously issued patent	NO 9404582	

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**base station (BS1, 101) listens to a signalling channel of the first base station (BS1, 101), and the radio system allocates said signalling channel to a **second subscriber** station for **use** as a traffic **channel** since the other **channels** of the **first** base station (BS1, 101) are busy. To improve the efficiency of the radio system, when the first subscriber station (MS1,103) detects that the signalling **channel** used by it is **assigned** as a traffic **channel** the radio system allocates (303) said signalling channel to a **second subscriber** station (MS2, 600) for **use** as a traffic **channel** since the other channels of the **first** base station (BS1) are **busy**;
the method being **characterised** in that
the first subscriber station (MS1, 600) detects that the signalling **channel** used by it is **assigned** as a traffic **channel** for **communication** between the **second subscriber** station (MS2, 600) and the **first** base station

(BS1, 101), and
the **first subscriber** station (MS1, 600) stays to **listen** for a predetermined time to **each** channel of the **first** base station (BS1) in succession, tuning its radio unit (601) to a channel and monitoring... .. the radio system, and the radio system stores the signalling data transmitted by the first **subscriber** station;
the radio system allocates said signalling channel to a **second subscriber** station for **use** as a **traffic channel** since the other channels of the first base station are busy;
the first subscriber station receives a message indicating that the signalling **channel** used by the **first subscriber** station is **assigned** as a **traffic channel** for communication between the **second subscriber station** and the **first** base station;
the **first subscriber** station stays to listen for a predetermined time to **each** channel of the **first** base station in **succession**, tuning its radio **unit** to a channel and **monitoring whether** the **first** base station is transmitting on the signalling **channel** that has been allocated as a traffic channel; and

27/3,K/11 (Item 11 from file: 350) [Links](#)

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0006894015 & & *Drawing available*

WPI Acc no: 1994-287502/199436

XRPX Acc No: N1994-226412

Earth based receiving station for receiving radio signals from satellite relay station - has receiver designated to operate as control receiver and other receivers designated to receive communications channels and provide stand-by control receiver

Patent Assignee: NEC CORP (NIDE)

Inventor: GOTO Y; NONOYAMA A

Patent Family (9 patents, 6 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 616436	A1	19940921	EP 1994104219	A	19940317	199436	B
AU 199456481	A	19940922	AU 199456481	A	19940301	199439	E
JP 6326640	A	19941125	JP 199464344	A	19940309	199507	E
CN 1095201	A	19941116	CN 1994102899	A	19940319	199545	E
US 5483662	A	19960109	US 1994210020	A	19940318	199608	E
AU 669041	B	19960523	AU 199456481	A	19940301	199628	E
EP 616436	B1	19990818	EP 1994104219	A	19940317	199937	E
DE 69420066	E	19990923	DE 69420066	A	19940317	199945	E
			EP 1994104219	A	19940317		
CN 1052590	C	20000517	CN 1994102899	A	19940319	200468	E

Priority Applications (no., kind, date): JP 199359997 A 19930319

Patent Details

Patent Number	Kind	Lang	Pgs	Draw	Filing Notes
EP 616436	A1	EN	7	3	
Regional Designated States,Original	DE FR GB				

JP 6326640	A	JA	6	3		
US 5483662	A	EN	7	3		
AU 669041	B	EN			Previously issued patent	AU 9456481
EP 616436	B1	EN				
Regional Designated States, Original	DE FR GB					
DE 69420066	E	DE			Application	EP 1994104219
					Based on OPI patent	EP 616436

Alerting Abstract ...The receiving station includes a common first frequency converter (2) and at least **two receivers** (4a,4b,4c). One of the receivers (4a) is used as a control receiver to... ..Other receivers (4c) are at frequency; a **second selector** for connecting a selected level detector output from level detector outputs of said at least **two receivers** to said **first** intermediate amplifier in said **first frequency** converter; and means for **selecting a receiver** from said at least **two receivers** as control **receiver**, setting said **second** local oscillator **frequency** of said control **receiver** to that corresponding to said CSC, selecting a generated frequency of said VCO of said control **receiver** as said selected frequency **to be sent to said first** frequency converter by said **first** selector, and selecting level detector output of said control receiver as said selected level detector output to be sent to said **first** intermediate amplifier by said **second** selector.

27/3,K/12 (Item 12 from file: 350) [Links](#)

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0006604401

WPI Acc no: 1993-068886/199309

Related WPI Acc No: 1992-026417

XXPX Acc No: N1993-052876

Radio link for digital communication systems - uses information and signalling channels on number of RF carriers providing common channels for call set-up and control functions

Patent Assignee: NORTHERN TELECOM LTD (NELE); STRAWCZYNSKI L (STRA-I)

Inventor: PLETT G L; SANDLER H M; STEER D G; STRAWCZYNSKI L

Patent Family (7 patents, 4 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 529859	A2	19930303	EP 1992307300	A	19920810	199309	B
CA 2075860	A	19930223	CA 2075860	A	19920812	199319	E
JP 5259970	A	19931008	JP 1992238909	A	19920814	199345	E
EP 529859	A3	19930901				199508	E
EP 529859	B1	19970611	EP 1992307300	A	19920810	199728	E
DE 69220305	E	19970717	DE 69220305	A	19920810	199734	E
			EP 1992307300	A	19920810		
CA 2075860	C	19990713	CA 2075860	A	19920812	199947	E

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 529859	A2	EN	16	9		
Regional Designated States, Original	DE FR GB SE					
CA 2075860	A	EN				
EP 529859	A3	EN				
EP 529859	B1	EN	20	7		
Regional Designated States, Original	DE FR GB SE					
DE 69220305	E	DE			Application	EP 1992307300
					Based on OPI patent	EP 529859
CA 2075860	C	EN				

Alerting Abstract ...A second group of RF carriers, **used** as common signalling **channels** includes full-duplex common signalling channels operating in TDMA mode. A time frame T on... Original Publication Data by Authority Argentina **Publication No. ...Original Abstracts:** allocated as traffic channels between base stations and subscriber terminals. Each RF carrier in the **first** group comprises at **least** one traffic channel. A **second** group of RF **carriers** is allocated for providing common signalling channels between the base stations and the subscriber terminals... **Claims:** RF carriers, comprising: a first group of said plurality of RF carriers being allocated for **use** as traffic **channels**, each RF carrier in said first group being comprised of one full-duplex traffic channel, wherein one frame... traffic channels; and a second group of said plurality of RF carriers being allocated for **use** as common signalling **channels**, each RF carrier in said second group being comprised of a number of full-duplex common signalling channels operating... base stations, each operating in a separate cell and each communicating with a plurality of **subscriber terminals** over a plurality of RF carriers, the method comprising: allocating a first group of said plurality of RF carriers for **use** as traffic **channels** between a base station and subscriber terminal, each RF carrier in said **first** group **operating** on a **separate** frequency, each RF carrier being comprised of one full-duplex traffic channel operating within a... the time frame T; allocating a second group of said plurality of RF carriers for **use** as common signalling **channels**, each RF carrier in said second group being comprised of n full-duplex common signalling channels operating in **time** division multiple access mode within said common time frame T, each full-duplex common signalling... or equal to n; assigning a first one of said common signalling channels to a **first** base station and a second one of said common signalling channels to a second base... first and second base stations can register and set-up calls using the first and **second** common signalling channels, respectively; **exchanging** signalling **signals** between the **first** base station and subscriber terminals within the **cell** of the **first** base station via the **first** assigned one of the **common** signalling channels; and exchanging signalling signals between the **second** base **station** and subscriber terminals within the **cell** of the **second** base station via the **second** assigned one of the common **signalling** channels, such that **registration** and call set-up can be performed.

27/3,K/13 (Item 13 from file: 350) [Links](#)

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0006383263 & Drawing available

WPI Acc no: 1993-182806/199322

XRFX Acc No: N1993-140523

Method of voice and data radio channel allocation in wide area trunked system - evaluating current loading, comparing loading condition with upper loading threshold and responsively assigning control-capable voice channel as temporary control channel

Patent Assignee: MOTOROLA INC (MOT)

Inventor: ADAMCZYK R; DIAZ R J; GRUBE G; GRUBE G W; NADDELL M; ROBERTS R; ROBERTS R C ; SASUTA M D

Patent Family (15 patents, 24 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1993010600	A1	19930527	WO 1992US8247	A	19920930	199322	B
AU 199227605	A	19930615	AU 199227605	A	19920930	199340	E
EP 568659	A1	19931110	EP 1992921352	A	19920930	199345	E
			WO 1992US8247	A	19920930		
CN 1072546	A	19930526	CN 1992112623	A	19921027	199411	E
BR 199205514	A	19940426	BR 19925514	A	19920930	199420	E
			WO 1992US8247	A	19920930		
JP 3299746	B2	20020708	WO 1992US8247	A	19920930	200247	E
			JP 1993509237	A	19920930		

Priority Applications (no., kind, date): US 1991796118 A 19911121; US 1994204797 A 19940302

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1993010600	A1	EN	34	8		
National Designated States,Original	AU BR CA HU JP KR PL UA					
Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE					
AU 199227605	A	EN			Based on OPI patent	WO 1993010600
EP 568659	A1	EN	2	1	PCT Application	WO 1992US8247
					Based on OPI patent	WO 1993010600
Regional Designated States,Original	DE DK FR GB IT NL SE					
BR 199205514	A	PT			PCT Application	WO 1992US8247
					Based on OPI patent	WO 1993010600
HU 65233	T	HU			PCT Application	WO 1992US8247
					Based on OPI patent	WO 1993010600
JP 6504894	W	JA		1	PCT Application	WO 1992US8247
					Based on OPI patent	WO 1993010600
AU 661512	B	EN			Previously issued patent	AU 9227605
					Based on OPI patent	WO 1993010600
US 5442809	A	EN	17	8	Continuation of application	US 1991796118

CA 2099662	C	EN				
HU 213595	B	HU			PCT Application	WO 1992US8247
					Previously issued patent	HU 65233

Method of voice and data radio channel allocation in wide area trunked system... ..evaluating current loading, comparing loading condition with upper loading threshold and responsively assigning control-capable voice channel as temporary control channel ...Original Titles:METHOD OF ASSIGNING A VOICE/DATA CHANNEL OR A TEMPORARY CONTROL CHANNEL... ..METHOD OF ASSIGNING A VOICE/DATA CHANNEL OR A TEMPORARY CONTROL CHANNEL... ..Method of assigning a voice/data channel as a temporary control channel in a radio communications system... ..METHOD OF ASSIGNING A VOICE/DATA CHANNEL OR A TEMPORARY CONTROL CHANNEL **Alerting Abstract** ...number of voice channels, under the control of a central controller to a number of **subscribers, using a first control channel**. At least one of the voice channels is control-capable... ..an upper loading threshold and, when appropriate, at least one of the control-capable voice channels is **assigned** as a temporary control channel. The channel is selected from a predetermined list of channels... **Equivalent Alerting Abstract** ...The system includes a collection of voice channels which are allocated among a roll of **subscribers using a first control channel**. **Technology Focus** Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**The system includes a plurality of voice channels which are allocated among a plurality of **subscribers (108-112) using a first control channel (102)**. In a **preferred** embodiment, at least one of the voice channels (104, 106) is also control-capable. The... .. loading condition with an upper loading threshold. Where appropriate, the controller assigns (506) one of **the control-capable voice channels** as a temporary control channel... .. The system includes a plurality of voice channels which are allocated among a plurality of **subscribers (108-112) using a first control channel (102)**. In a preferred **embodiment, at least one of the voice channels (104, 106)** is also control-capable. The method includes evaluating (502) a... .. upper loading threshold. Where appropriate, the controller assigns (506) one of the control-capable voice **channels as a temporary control channel**. The system includes a plurality of voice channels which are allocated among a plurality of **subscribers (108-112) using a first control channel (102)**. In a preferred embodiment, at **least one of the voice channels (104, 106)** is also control-capable. The method includes evaluating (504) a current loading condition, and comparing... .. the controller assigns (506) one of the control-capable voice channels as a temporary control **channel**.

27/3,K/15 (Item 15 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)
Derwent WPIX

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0006283522 & *Drawing available*

WPI Acc no: 1993-076814/199309

XRFX Acc No: N1993-059020

Communication system with channel selection - assigns respective received signal strength thresholds to channels selectable by subscriber units on basis of signal received from site

Patent Assignee: MOTOROLA INC (MOTI)

Inventor: KOTZIN M D; SCHAEFFER D R

Patent Family (17 patents, 12 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1993003558	A1	19930218	WO 1992US4780	A	19920608	199309	B

FR 2680064	A1	19930205	FR 19929582	A	19920731	199314	E
US 5210771	A	19930511	US 1991739037	A	19910801	199320	E
CN 1069610	A	19930303	CN 1992105402	A	19920704	199402	E
JP 6501145	W	19940203	WO 1992US4780	A	19920608	199410	E
			JP 1993503537	A	19920608		
CN 1066301	C	20010523	CN 1992105402	A	19920704	200501	E

Priority Applications (no., kind, date): US 1991739037 A 19910801

Patent Details							
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes		
WO 1993003558	A1	EN	29	9			
National Designated States, Original	BR CA DE GB JP KR						
US 5210771	A	EN	7	9			
JP 6501145	W	JA			PCT Application	WO 1992US4780	
					Based on OPI patent	WO 1993003558	
BR 199205359	A	PT			PCT Application	WO 1992US4780	
					Based on OPI patent	WO 1993003558	
IL 102076	A	EN					
GB 2290928	A	EN	21	9	Derived from application	GB 19936738	
GB 2264027	B	EN	1	6	PCT Application	WO 1992US4780	
					Based on OPI patent	WO 1993003558	
GB 2290928	B	EN	1		Derived from application	GB 19936738	
CA 2092292	C	EN					
DE 4292564	T	DE		0	PCT Application	WO 1992US4780	
					Based on OPI patent	WO 1993003558	
DE 4292564	C2	DE	8	9	PCT Application	WO 1992US4780	
					Based on OPI patent	WO 1993003558	
SG 45273	A1	EN					
KR 199611867	B1	KO			PCT Application	WO 1992US4780	

Alerting Abstract ...adjusted so that the signal strength received at the site from the unit matches that assigned to the channel. **Equivalent Alerting Abstract** ...The communication system has a site employing a number of communication channels. Each channel is assigned a desired received signal strength threshold. A channel is assigned to a subscriber unit based upon the strength of the signal received at the site... ..In an FDMA environment, each separate frequency division channel may be assigned different received signal strength thresholds. In a non-overlapping time interval (TDMA) environment, each separate time division channel may be assigned different received signal strength thresholds... **Technology Focus** Original Publication Data by AuthorityArgentinaPublication No. **Original Abstracts:**A communication system having a site employing a plurality of communication channels. Each channel is assigned a desired received signal strength threshold. A channel is assigned... .. separate frequency division channel may be assigned different received signal strength thresholds. In a non-overlapping time interval (TDMA) environment (70), each separate time division channel may be assigned different received signal strength thresholds. **In**

another embodiment (80), a combination of FDMA and TDMA environments can be used. ...**Claims:**a site having a first communication channel associated therewith, said first communication channel having a **first** received signal strength threshold assigned thereto, and a second communication channel associated therewith, said second... .. a single coverage area; and means for selecting one of said first and second communication **channels for use by a subscriber unit**.... .. adjusted so that the signal strength received at the site from the unit matches that **assigned to the channel**.... .. A method of assigning one of a plurality of communication **channels assigned** to a single site, each of said plurality of communication channels serving **use by a subscriber unit.**>

III. Text Search Results from Dialog

A. Full Text Files

? show files

[File 15] **ABI/Inform(R)** 1971-2009/Jan 12
(c) 2009 ProQuest Info&Learning. All rights reserved.

[File 16] **Gale Group PROMT(R)** 1990-2009/Dec 26
(c) 2009 Gale/Cengage. All rights reserved.
**File 16: Because of updating irregularities, the banner and the update (UD=) may vary.*

[File 148] **Gale Group Trade & Industry DB** 1976-2009/Jan 05
(c) 2009 Gale/Cengage. All rights reserved.
**File 148: The CURRENT feature is not working in File 148. See HELP NEWS148.*

[File 160] **Gale Group PROMT(R)** 1972-1989
(c) 1999 The Gale Group. All rights reserved.

[File 275] **Gale Group Computer DB(TM)** 1983-2009/Dec 23
(c) 2009 Gale/Cengage. All rights reserved.

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2009/Dec 12
(c) 2009 Gale/Cengage. All rights reserved.

[File 13] **BAMP** 2009/Jan 13
(c) 2009 Gale/Cengage. All rights reserved.

[File 75] **TGG Management Contents(R)** 86-2009/Dec W1
(c) 2009 Gale/Cengage. All rights reserved.

[File 95] **TEME-Technology & Management** 1989-2008/Dec W2
(c) 2008 FIZ TECHNIK. All rights reserved.

[File 9] **Business & Industry(R)** Jul/1994-2009/Jan 13
(c) 2009 Gale/Cengage. All rights reserved.

[File 20] **Dialog Global Reporter** 1997-2009/Jan 15
(c) 2009 Dialog. All rights reserved.

[File 610] **Business Wire** 1999-2009/Jan 15
(c) 2009 Business Wire. All rights reserved.
**File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.*

[File 613] **PR Newswire** 1999-2009/Jan 15
(c) 2009 PR Newswire Association Inc. All rights reserved.
**File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.*

[File 624] **McGraw-Hill Publications** 1985-2009/Jan 14
(c) 2009 McGraw-Hill Co. Inc. All rights reserved.

[File 634] **San Jose Mercury** Jun 1985-2009/Jan 13
(c) 2009 San Jose Mercury News. All rights reserved.

[File 636] **Gale Group Newsletter DB(TM)** 1987-2009/Dec 26
(c) 2009 Gale/Cengage. All rights reserved.

[File 810] **Business Wire** 1986-1999/Feb 28
(c) 1999 Business Wire . All rights reserved.

[File 813] **PR Newswire** 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc. All rights reserved.

[File 625] **American Banker Publications** 1981-2008/Jun 26
(c) 2008 American Banker. All rights reserved.

**File 625: This file no longer updates. Use Newsroom Files 989 and 990 for current records.*

[File 268] **Banking Info Source** 1981-2009/Jan W1
(c) 2009 ProQuest Info&Learning. All rights reserved.

[File 626] **Bond Buyer Full Text** 1981-2008/Jul 07
(c) 2008 Bond Buyer. All rights reserved.

**File 626: This file no longer updates. Use Newsroom Files 989 and 990 for current records.*

[File 267] **Finance & Banking Newsletters** 2008/Sep 29
(c) 2008 Dialog. All rights reserved.

[File 348] **EUROPEAN PATENTS** 1978-200902
(c) 2009 European Patent Office. All rights reserved.

[File 349] **PCT FULLTEXT** 1979-2008/UB=20090101/UT=20081225
(c) 2009 WIPO/Thomson. All rights reserved.

```
; d s
Set      Items      Description
S1       269990      S (SECOND OR 2ND OR SECONDARY OR 2 OR TWO OR DUAL OR DOUBLE) (3N) (RECIPIENT?
? OR RECEIVER? ? OR ADDRESSEE? ? OR ACCEPT?R OR ENROLLE?? OR SUBSCRIBER? ? OR SENDEE? ?)
S2       1274034     S (ACCOUNT? ? OR SUBSCRIPTION? ? OR CHANNEL? ? OR PATH? ? OR PASSAGE? ? OR
RECORD? ?) (3N) (ALLOCATION? ? OR ALLOTMENT?? OR DISTRIBUTION? ? OR ASSIGN? OR REDISTRIBUTION?
? OR SHAR???)
S3       303547      S (SHARE OR SHARED OR SHARING OR ALLOTTED OR ALLOCATED OR
ASSIGNED) (3N) (ACCOUNT? ? OR SUBSCRIPTION? ? OR CHANNEL? ? OR PATH? ? OR PASSAGE? ? OR RECORD?
?)
S4       33031       S S3(3N) (ALLOCATION? ? OR ALLOTMENT?? OR DISTRIBUTION? ? OR ASSIGN? OR
REDISTRIBUTION? ?)
S5       997        (UNSHARED OR UNALLOTTED OR UNALLOCATED OR UNASSIGNED OR (?NOT? OR
NON) ) (SHARE OR SHARED OR SHARING OR ALLOTTED OR ALLOCATED OR ASSIGNED) ) (3N) (ACCOUNT? ? OR
SUBSCRIPTION? ? OR CHANNEL? ? OR PATH? ? OR PASSAGE? ? OR RECORD? ?) FR
S6       168        S S5(7N) (ALLOCATION? ? OR ALLOTMENT?? OR DISTRIBUTION? ? OR ASSIGN? OR
REDISTRIBUTION? ?)
S7       1677905     S (USE OR USING OR USED OR APPL? OR EMPLOY??? OR UTILI?ATION OR
UTILI????) (3N) (FIRST OR 1ST OR INITIAL OR PRIMARY)
S8       3987       S S7(3N) (RECIPIENT? ? OR RECEIVER? ? OR ADDRESSEE? ? OR ACCEPT?R OR ENROLLE??
OR SUBSCRIBER? ? OR SENDEE? ?)
S9       998549     S (USE OR USING OR USED OR APPL? OR EMPLOY??? OR UTILI?ATION OR
UTILI????) (3N) (ACCOUNT? ? OR SUBSCRIPTION? ? OR CHANNEL? ? OR PATH? ? OR PASSAGE? ? OR
RECORD? ?)
S10      3941042     S (FIRST OR 1ST OR INITIAL OR PRIMARY OR ORIGINAL) (10N) (SECOND OR 2ND OR
SECONDARY OR DUAL OR DOUBLE)
S11      883465     S (RESTRICT??? OR LIMIT??? OR CONSTRAIN? OR MINIMAL) (3N) (USE OR USING OR USED
OR APPL? OR EMPLOY??? OR UTILI?ATION OR UTILI????)
```

S12 12582 S AU=(BEVENTE, G? OR BEVENTE G? OR BEVENTE(2N)G? OR THANE?, M? OR THANE? M?
OR THANE?(2N)M? OR KOEPPEN, G? OR KOEPPEN G? OR KOEPPEN(2N)G? OR MORAN, D? OR MORAN D? OR
MORAN(2N)D? OR ROPER, D? OR ROPER D? OR ROPER(2N)D? OR WOLKEN, K? OR WOLKEN K? OR
WOLKEN(2N)K? OR ANDERSON, J? OR ANDERSON J? OR ANDERSON(2N)J?)

S13 98 S S12 AND S1
S14 37 S S13 AND S2
S15 36 S S14 AND S3
S16 36 S S15 AND S4
S17 0 S S16 AND S5
S18 36 S S16 AND (COMMUNICATION? ? OR TELECOMMUNICATION? ?)
S19 35 S S10 AND S18
S20 34 S S19 AND S9
S21 6 S S20 AND S8
S22 378 S S1(7N)S2
S23 130 S S22(5N)S3
S24 46 S S23(7N)S4
S25 0 S S24(3N)S5
S26 27 S S24 NOT PY>2003
S27 0 S S22(3N)S5
S28 76 S S4(7N)S6
S29 3 S S28(3N)S7
S30 0 S S22(7N)S8
S31 14 S S22(3N)S9
S32 19 S S22(3N)S10
S33 0 S S22(7N)S11
S34 34 S S29 OR S31 OR S32
S35 21 S S34 NOT PY>2003
S36 44 S S26 OR S35

? t /3,k/all

36/3,K/1 (Item 1 from file: 15) [Links](#)

ABI/Inform(R)

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02124498 67431833

Identifying the culprits

Walkowski, Bill

Wireless Review v18n2 pp: 28-32

Jan 15, 2001

ISSN: 1099-9248 Journal Code: WLR

Word Count: 1970

Text:

...GSM networks, the main sources of interference are adjacent and co-channel interference. (See Figure 2.) In both networks, **subscriber** calls are **assigned** to frequency **channels**. Since frequencies are reused tightly to increase network capacity, co-channel interference can occur when...

36/3,K/2 (Item 2 from file: 15) [Links](#)

ABI/Inform(R)

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00804073 94-53465

PCP channel sharing

Linton, John

Communications v31n1 pp: 39-41

Jan 1994

ISSN: 0010-356X **Journal Code:** CMN

Word Count: 973

Text:

...to universal time. FLEX frames must be sent at least once per minute to maintain **receiver** synchronization. If **two** companies are **sharing** a **channel** equally and **utilizing** a one-minute timeslot, then each company would send at least one full frame in...

36/3,K/3 (Item 1 from file: 16) [Links](#)

Gale Group PROMT(R)

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05442762 **Supplier Number:** 48252203 (USE FORMAT 7 FOR FULLTEXT)

PSINet Delivers on Promise of Free Peering

PR Newswire , p 0127DCTU048

Jan 27 , 1998

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 1157

-

...gaming, and other power-driven services, Wholesale Gold provides discounted per-unit rates for each **subscriber**, extended **second-level** support for enhanced customer service, **assigned account** manager to each Wholesale Gold customer, an exclusive Account Management Interface (AMI), and high performance...

36/3,K/4 (Item 2 from file: 16) [Links](#)

Gale Group PROMT(R)

(c) 2009 Gale/Cengage. All rights reserved.

05195071 **Supplier Number:** 47927439

ISPs Prospecting for Growth Find Gold and Silver in PSINet's Enhanced Wholesale Network Services Program

PR Newswire , p 0822DCF010

August 22 , 1997

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 915

-

...interactive gaming, and other power-driven applications, Wholesale Gold provides:

- * per-unit rates for each **subscriber**
- * extended **second**
- level support for enhanced customer service
- * **account** manager **assigned**
- to each Wholesale Gold customer
- * exclusive Account Management Interface (AMI)
- * high-performance network for industrial...

36/3,K/5 (Item 1 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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09997142 **Supplier Number:** 20200558 (USE FORMAT 7 OR 9 FOR FULL TEXT)

PSINet Delivers on Promise of Free Peering

PR Newswire , p127DCTU048

Jan 27 , 1998

Language: English

Record Type: Fulltext

Word Count: 1245 **Line Count:** 00109

...gaming, and other power-driven services, Wholesale Gold provides discounted per-unit rates for each **subscriber**, extended **second**-level support for enhanced customer service, **assigned account** manager to each Wholesale Gold customer, an exclusive Account Management Interface (AMI), and high performance...

36/3,K/6 (Item 1 from file: 621) [Links](#)

Gale Group New Prod.Annou.(R)

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01601924 **Supplier Number:** 48252203 (USE FORMAT 7 FOR FULLTEXT)

PSINet Delivers on Promise of Free Peering

PR Newswire , p 0127DCTU048

Jan 27 , 1998

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 1157

-

...gaming, and other power-driven services, Wholesale Gold provides discounted per-unit rates for each **subscriber**, extended **second**-level support for enhanced customer service, **assigned account** manager to each Wholesale Gold customer, an exclusive Account Management Interface (AMI), and high performance...

36/3,K/7 (Item 2 from file: 621) [Links](#)

Gale Group New Prod.Annou.(R)

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01564350 **Supplier Number:** 47927439

ISPs Prospecting for Growth Find Gold and Silver in PSINet's Enhanced Wholesale Network Services Program

PR Newswire , p 0822DCF010

August 22, 1997

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 915

...interactive gaming, and other power-driven applications, Wholesale Gold provides:

- * per-unit rates for each **subscriber**
- * extended **second**
- level support for enhanced customer service
- * **account** manager **assigned**
- to each Wholesale Gold customer
- * exclusive Account Management Interface (AMI)
- * high-performance network for industrial...

36/3,K/8 (Item 1 from file: 20) [Links](#)

Dialog Global Reporter

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27818897 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Event Brief of Q4 2002 Pegasus Communications Corporation Earnings Conference Call - Final - Part 1

FAIR DISCLOSURE WIRE

February 28, 2003

Journal Code: WFDW **Language:** English **Record Type:** FULLTEXT

Word Count: 4703

...2: 1. Phase 2 involves a more refined approach to subscriber acquisition, upgrade and retention. **2.** Compartmentalized its **subscriber** base **using** an **account** segmentation methodology. **3.** **Assigns** a behavior score to each existing subscriber using five metrics. **4.** Then assigns subscriber to...

36/3,K/9 (Item 1 from file: 813) [Links](#)

PR Newswire

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1217941

DCTU048

PSINet Delivers on Promise of Free Peering

Date: January 27, 1998 **15:32 EST** **Word Count:** 1,160

Correction:

...gaming, and other power-driven services, Wholesale Gold provides discounted per-unit rates for each **subscriber**, extended **second**-level support for enhanced customer service, **assigned account** manager to each Wholesale Gold customer, an exclusive Account Management Interface (AMI), and high performance...

36/3,K/10 (Item 2 from file: 813) [Links](#)

PR Newswire

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1143762

DCF010

ISPs Prospecting for Growth Find Gold and Silver in PSINet's Enhanced Wholesale Network Services Program

Date: August 22, 1997 **15:26 EDT** **Word Count:** 913

Correction:

...interactive gaming, and other power-driven applications, Wholesale Gold provides:

per-unit rates for each **subscriber**
extended **second**-level support for enhanced customer service

account manager **assigned** to each Wholesale Gold
customer

exclusive Account Management Interface (AMI)

high-performance network for industrial...

36/3K/11 (Item 1 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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01600375

RADIO TRANSMISSION APPARATUS AND RADIO COMMUNICATION METHOD
FUNKÜBERTRAGUNGSVORRICHTUNG UND FUNKKOMMUNIKATIONSVERFAHREN
DISPOSITIF D'ÉMISSION RADIO ET PROCÉDE DE COMMUNICATION RADIO

Patent Assignee:

- **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.;** (216883)
1006, Oaza-Kadoma; Kadoma-shi, Osaka 571-8501; (JP)
(Applicant designated States: all)

Inventor:

- **ISHIKAWA, Kimihiko**
1-21-1-207, Kamiokahigashi, Konan-ku; Yokohama-shi, Kanagawa 233-0001; (JP)

Legal Representative:

- **Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietät (100721)**
Maximilianstrasse 58; 80538 München; (DE)

	Country	Number	Kind	Date	
Patent	EP	1363410	A1	20031119	(Basic)
	WO	2003039031		20030508	
Application	EP	2002775408		20021030	
	WO	2002JP11251		20021030	
Priorities	JP	2001334392		20011031	

Designated States:

AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; IE; IT; LI; LU; MC; NL;
PT; SE; SK; TR;

Extended Designated States:

AL; LT; LV; MK; RO; SI;

International Patent Class (V7): H04B-007/06 **Abstract Word Count:** 122

Type	Pub. Date	Kind	Text
Publication: English			
Procedural: English			
Application: Japanese			
Available Text	Language	Update	Word

			Count
CLAIMS A	(English)	200347	781
SPEC A	(English)	200347	3639
Total Word Count (Document A) 4420			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 4420			

Specification: ...example illustrated in FIG. 3, CH1, CH2, CH4 where interference waves are present, namely, frequencies (**channels**) that are assigned to the other users are avoided, and different transmission signals A and ... the example illustrated in FIG. 4, CH1, CH4 where interference waves are present, namely, frequencies (**channels**) that are **assigned** to the other users are avoided, the transmission signal A is transmitted from the antenna... example illustrated in FIG. 5, CH1, CH2, CH4 where interference waves are present, namely, frequencies (**channels**) that are **assigned** to the other users are avoided, and the same transmission signal (transmission signal A = transmission... the example illustrated in FIG. 6, CH1, CH4 where interference waves are present, namely, frequencies (**channels**) that are **assigned** to the other users are avoided, and the transmission signal is transmitted from the antenna... frequencies using the frequency with no interference wave regardless of the circumstances of the propagation **path**, the **non-assigned**, namely, vacant frequency can be freely used, and the influence of the interference from the...

36/3K/12 (Item 2 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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01302890

Method and rake receiver for code-tracking in CDMA communication systems

Verfahren und RAKE-Empfänger zur Kodennachführung in einem CDMA-Nachrichtenübertragungssystem

Procédé et récepteur du type RAKE pour la poursuite de codes dans un système de communication à AMDC

Patent Assignee:

- **LUCENT TECHNOLOGIES INC.;** (2143720)
600 Mountain Avenue; Murray Hill, New Jersey 07974-0636; (US)
(Applicant designated States: all)

Inventor:

- **Baltersee, Jens**
Muenstereifelerstrasse 23; 50937 Koein; (DE)
- **Fock, Gunnar**
Kullenhofwinkel 28; 52074 Aachen; (DE)
- **Schulz-Rittich, Peter**
Am Weibenberg 6; 52074 Aachen; (DE)

Legal Representative:

- **Williams, David John et al (86433)**
Page White & Farrer, 54 Doughty Street; London WC1N 2LS; (GB)

	Country	Number	Kind	Date	
Patent	EP	1117185	A1	20010718	(Basic)
Application	EP	2000300254		20000114	

Designated States:

AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LI; LU; MC; NL; PT; SE;

Extended Designated States:

AL; LT; LV; MK; RO; SI;

International Patent Class (V7): H04B-001/707**Abstract Word Count:** 115

NOTE: NONE

NOTE: Figure number on first page: NONE

Type	Pub. Date	Kind	Text
------	-----------	------	------

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200129	894
SPEC A	(English)	200129	3837
Total Word Count (Document A) 4731			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 4731			

Claims: ...at least one other (j (not equal to) i) than the signal component of the **assigned** signal **path** (i) with the signal component of the **assigned** signal **path** (i) in at least one of the **receiver** fingers.

2. A method according to claim 1, wherein

step f) comprises a subtraction (130) of an...

36/3K/13 (Item 3 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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01013464

SYSTEMS AND METHODS FOR CONTROL CHANNEL COMMUNICATION IN CELLULAR RADIOTELEPHONE SYSTEMS

VERFAHREN UND EINRICHTUNGEN ZUR STEUERUNGSKANALUBERTRAGUNG IN ZELLULAREN FUNKTELEFONSYSTEMEN

SYSTEMES ET PROCEDES POUR LES COMMUNICATIONS PAR CANAL DE COMMANDE DANS LES SYSTEMES RADIOTELEPHONIQUES CELLULAIRES

Patent Assignee:

- **Ericsson Inc.;** (1318013)
7001 Development Drive, P.O. Box 13969; Research Triangle Park, N.C. 27709; (US)
(Proprietor designated states: all)

Inventor:

- **DENT, Paul, Wilkinson**
637 Eagle Point Road; Pittsboro, NC 27312; (US)

Legal Representative:

- **HOFFMANN - EITLE (101511)**
Patent- und Rechtsanwälte Arabellastrasse 4; 81925 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	986867	A1	20000322	(Basic)
	EP	986867	B1	20030827	
	WO	98056125		19981210	
Application	EP	98925256		19980605	
	WO	98US11586		19980605	
Priorities	US	870639		19970606	

Designated States:

DE; FR; GB;

International Patent Class (V7): H04B-007/26; H04B-007/06; H04Q-007/22

NOTE: No A-document published by EPO

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200335	1697
CLAIMS B	(German)	200335	1553
CLAIMS B	(French)	200335	2138
SPEC B	(English)	200335	5938
Total Word Count (Document A) 0			
Total Word Count (Document B) 11326			
Total Word Count (All Documents) 11326			

Specification: ...of the duplex communications link established by the system from one user to another. Traffic **channels** typically are dynamically **assigned** by the system when and where needed. In addition, systems such as the European GSM... ..to the present invention by cellular radiotelephone systems which communicate a control channel in a **first cell using** a time/frequency window, i.e., a combination of a carrier frequency band and time... ..is not being used to communicate traffic, e.g., when the time/frequency window is **unassigned** to a traffic **channel** or when a traffic **channel assigned** to the time/frequency window is idle due to discontinuous transmission (DTX). The time/frequency...

36/3K/14 (Item 4 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00758060

Method of reducing interference in a communication system

Interferenzverminderung für ein Kommunikationssystem

Procédé pour la réduction d'interférence dans un système de communication

Patent Assignee:

• **MOTOROLA LTD;** (616700)

Jays Close, Viabes Industrial Estate; Basingstoke, Hampshire RG22 4PD; (GB)

(applicant designated states: DE;FR;GB;IT;NL;SE)

Inventor:

• **Bosovic, Dragon**

48 Meadowland, Chinham; Basingstoke, Hampshire RG24 0XL; (GB)

• **Valentine, Stephen**

1 Beechwood Close, Hatch Warren; Basingstoke, Hampshire RG22 4XX; (GB)

• **Baker, Paul Dominic**

8 Eastleigh Road; Fair Oak, Hampshire SO5 7JU; (GB)

• **Lee, Kwan Yee**

2 Corinthian Close, Hatch Warren; Basingstoke, Hampshire RG22 4TM; (GB)

Legal Representative:

• **Morgan, Marc et al (74603)**

Motorola Eur. Intel. Prop. Op., Midpoint, Alencon Link; Basingstoke, Hampshire RG21 7PL; (GB)

	Country	Number	Kind	Date	
Patent	EP	713300	A1	19960522	(Basic)
Application	EP	95117068		19951030	
Priorities	GB	9423400		19941119	

Designated States:

DE; FR; GB; IT; NL; SE;

International Patent Class (V7): H04B-007/005; H04Q-007/38; **Abstract Word Count:** 69

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPAB96	1336
SPEC A	(English)	EPAB96	2449
Total Word Count (Document A) 3785			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 3785			

Specification: ...located in a second area of the communication system. This typically would result in the **second subscriber** being **assigned** to a different **channel** if the interference were severe enough. The result would be that part of the allocated...

36/3K/15 (Item 5 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00678743

MOBILE RADIO AERIAL INSTALLATION

MOBILFUNKANTENNENANLAGE

INSTALLATION D'ANTENNES RADIOTELEPHONIQUE MOBILE

Patent Assignee:

- **ROBERT BOSCH GMBH;** (200050)
Postfach 30 02 20; 70442 Stuttgart; (DE)
(applicant designated states: DE;ES;FR;GB;IT;PT;SE)

Inventor:

- **ROSENBERG, Uwe**
Albrecht-Bengel-Strasse 1; D-71546 Aspach; (DE)
- **CLUSE, Dieter**
Auerhahnweg 21; D-71573 Allmersbach/Tal; (DE)

Legal Representative:

- **Friedmann, Jurgen, Dr.-Ing. et al (47431)**
Zentralabteilung Patente, Postfach 30 02 20; D-70442 Stuttgart; (DE)

	Country	Number	Kind	Date	
Patent	EP	707762	A1	19960424	(Basic)
	EP	707762	B1	19970903	
	WO	9502287		19950119	
Application	EP	94916907		19940615	
	WO	94DE666		19940615	
Priorities	DE	4322863		19930709	

Designated States:

DE; ES; FR; GB; IT; PT; SE;

International Patent Class (V7): H04B-007/04; H04L-001/06; H01Q-021/28; H01Q-001/32;

NOTE: No A-document published by EPO

Type	Pub. Date	Kind	Text
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Publication: German

Procedural: German

Application: German

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9708W5	457
CLAIMS B	(German)	9708W5	362
CLAIMS B	(French)	9708W5	469
SPEC B	(German)	9708W5	1251
Total Word Count (Document A) 0			
Total Word Count (Document B) 2539			
Total Word Count (All Documents) 2539			

Claims: ...Aerial installation for base transmitter-receiver stations of a communication system for mobile radio communication **subscribers** having at least **two** transmission **channels** and reception **channels assigned** to them, transmitters and receivers of the base transmitter-receiver stations operating in separate frequencysystem for mobile radio communication subscribers having at least one transmission **channel** and a reception **channel assigned** to it, transmitters and receivers of the base transmitter-receiver stations operating at separate frequencies...

36/3K/16 (Item 6 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00656677

METHOD OF SEARCHING FOR A SIGNALLING CHANNEL IN A RADIO SYSTEM
SIGNALISIERUNGSKANALSUCHVERFAHREN IN EINEM FUNKSYSTEM
PROCEDE DE RECHERCHE D'UNE VOIE DE SIGNALISATION DANS UN SYSTEME RADIO
TELEPHONIQUE

Patent Assignee:

- **NOKIA TELECOMMUNICATIONS OY;** (1268807)

Keilalahdentie 4; 02150 Espoo; (FI)

(applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

Inventor:

- **LOPPONEN, Jussi**

Kehrutie 1 A 7; FIN-00410 Helsinki; (FI)

Legal Representative:

• Tomlinson, Kerry John et al (36771)

Frank B. Dehn & Co., European Patent Attorneys, 179 Queen Victoria Street; London EC4V 4EL; (GB)

	Country	Number	Kind	Date	
Patent	EP	653139	A1	19950517	(Basic)
	EP	653139	B1	19980902	
	WO	9423544		19941013	
Application	EP	94911958		19940329	
	WO	94FI118		19940329	
Priorities	FI	931434		19930330	

Designated States:

AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE;

International Patent Class (V7): H04Q-007/20; ;

NOTE: No A-document published by EPO

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9836	966
CLAIMS B	(German)	9836	845
CLAIMS B	(French)	9836	1106
SPEC B	(English)	9836	5197
Total Word Count (Document A) 0			
Total Word Count (Document B) 8114			
Total Word Count (All Documents) 8114			

Specification: ...system is characterized by the following steps: a first subscriber station detects that the signalling **channel** used by it is **assigned** as a traffic **channel** for communication between a **second subscriber** station and a **first** base station, the **first** subscriber station stays to listen for a predetermined time to every channel of the first... ..system, the method comprising the following steps: a first subscriber station detects that the signalling **channel** used by it is **assigned** as a traffic **channel** for communication between a **second subscriber** station and a **first** base station, and the **first** subscriber station stays to listen for a predetermined time to the inband signalling on said...

Claims: ...method being characterised in that

the first subscriber station (MS1, 600) detects that the signalling **channel** used by it is **assigned** as a traffic **channel** for communication between the **second subscriber** station (MS2, 600) and the **first** base station (BS1, 101), and

the first subscriber station (MS1, 600) stays to listen for... ..a signalling channel.

2. The method according to claim 1, characterised in that when said **channel** assigned for communication between the second subscriber station (MS2, 600) and the first base station... ..method being characterised in that

the first subscriber station (MS1, 600) detects that the signalling **channel** used by it is **assigned** as a traffic **channel** for communication between the **second subscriber** station (MS2, 600) and the **first** base station (BS1, 101),

the first subscriber station (MS1, 600) stays to listen for a...

36/3K/17 (Item 7 from file; 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00334381

COMPUTER INTERCONNECT COUPLER EMPLOYING CROSSBAR SWITCHING.

RECHNERVERBINDER, DER QUERBALKENSCHALTER VERWENDET.

COUPLEUR D'INTERCONNEXION D'ORDINATEUR UTILISANT UNE COMMUTATION A BARRES CROISEES.

Patent Assignee:

• **DIGITAL EQUIPMENT CORPORATION;** (313081)

111 Powdermill Road; Maynard Massachusetts 01754-1418; (US)

(applicant designated states: DE;FR;GB)

Inventor:

• **KENT, Allan, R.**

15 Park Avenue Extension; Arlington, MA 02174; (US)

• **STEWART, Robert, E.**

1 No Name Road; Stow, MA 01775; (US)

• **READ, Harold, A.**

32 Crosby Road; Burlin, MA 01503; (US)

• **HENRY, Barry, A.**

84 Washington Street; Penacook, NH 03303; (US)

• **KACZOR, Charles, E.**

78 Schofield Avenue; Dudley, MA 01570; (US)

• **MILLS, Milton, V.**

22 Abbotsford Street; Boston, MA 02121-1410; (US)

• **CARN, Ronald, C.**

53 Ridge Street; Millis, MA 02054; (US)

• **METZ, Donald, R.**

48 Corey Hill Road; Ashburnham, MA 01430; (US)

Legal Representative:

• **Goodman, Christopher et al (31122)**

Eric Potter & Clarkson St. Mary's Court St. Mary's Gate; Nottingham NG1 1LE; (GB)

	Country	Number	Kind	Date	
Patent	EP	335968	A1	19891011	(Basic)
	EP	335968	B1	19930804	
	WO	8903563		19890420	
Application	EP	88910278		19881013	
	WO	88US3571		19881013	
Priorities	US	109503		19871016	

Designated States:

DE; FR; GB;

International Patent Class (V7): G06F-013/40; G06F-015/16; G06F-011/16; G06F-011/22; **Abstract Word Count:** 307

NOTE: No A-document published by EPO

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	2061
CLAIMS B	(German)	EPBBF1	1907
CLAIMS B	(French)	EPBBF1	2412
SPEC B	(English)	EPBBF1	19445
Total Word Count (Document A) 0			
Total Word Count (Document B) 25825			
Total Word Count (All Documents) 25825			

Specification: ...the closure of a switch 89.

The routing of a message to its addressed destination **channel** further requires the **assigned junctor** 88 to be connected to **transmitter** logic 92 associated **with** the destination channel. For this purpose the transmitter logic circuits 92 are connected to the...

36/3K/18 (Item 8 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00297494

Radio concentrator system capable of completing calls under congested traffic.

Funkkonzentratorsystem mit Fähigkeit zur Vervollständigung von Notrufen bei Rufstauung.

Système de concentrateur radio capable d'établir des appels d'urgence lors de saturation de trafic.

Patent Assignee:

- **NEC CORPORATION;** (236690)
7-1, Shiba 5-chome Minato-ku; Tokyo 108-01; (JP)
(applicant designated states: DE;GB;IT)

Inventor:• **Sasaki, Yasutaka**

c/o NEC Corporation 33-1, Shiba 5-chome; Minato-ku Tokyo; (JP)

Legal Representative:• **VOSSIUS & PARTNER (100311)**

Postfach 86 07 67; D-81634 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	304955	A2	19890301	(Basic)
	EP	304955	A3	19900613	
	EP	304955	B1	19940112	
Application	EP	88114048		19880829	
Priorities	JP	87213253		19870827	
	JP	87213257		19870827	
	JP	87213258		19870827	

Designated States:

DE; GB; IT;

International Patent Class (V7): H04Q-007/04; H04B-007/24; **Abstract Word Count:** 220

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	2268
CLAIMS B	(German)	EPBBF1	1966
CLAIMS B	(French)	EPBBF1	2671
SPEC B	(English)	EPBBF1	4538
Total Word Count (Document A) 0			
Total Word Count (Document B) 11443			
Total Word Count (All Documents) 11443			

Claims: ...subscriber terminals are connected, said central station and said remote stations being interconnected by a **two-way** transmission link (7) having a plurality of commonly shared two-way data channels, a... ..generating an all-busy signal; central multiplexer/demultiplexer means (12,13) for coupling said central **subscriber** line interface circuits to said selected data **channel in** response to said **data** channel selection signal, coupling one of said central subscriber line interface circuits which is associated... interconnected by a two-way transmission link (7) having a plurality of commonly shared, demand-**assigned two-way data channels**, a two-way signalling channel and a **two- way** emergency channel: wherein said central station (3) comprises: a plurality of central subscriber line interface...

36/3K/19 (Item 9 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00230352

Bootstrap channel security arrangement for communication network.

Sicherheitsanordnung für Ladeprogrammkanal in einem Datenübertragungsnetzwerk.

Dispositif de sécurité pour un canal d'introduction de programmes pour un réseau de transmission.

Patent Assignee:

- **GENERAL INSTRUMENT CORPORATION;** (264771)
767 Fifth Avenue; New York New York 10153; (US)
(applicant designated states: BE;CH;DE;FR;GB;IT;LI;SE)

Inventor:

- **Kaufman, David**
2245 West 239th Street; Torrance California 90501; (US)
- **Conover, Richard D.**
59 Andrea Drive; Richboro Pennsylvania 1954; (US)
- **Frezza, William A.**
341 Bloomfield Avenue; Warminster Pennsylvania 18974; (US)

Legal Representative:

- **Vanderperre, Robert et al (1061)**
Bureau VANDER HAEGHEN 63 Avenue de la Toison d'Or; B-1060 Bruxelles; (BE)

	Country	Number	Kind	Date	
Patent	EP	200704	A2	19861105	(Basic)
	EP	200704	A3	19890510	
	EP	200704	B1	19910612	
Application	EP	86870052		19860421	
Priorities	US	726676		19850424	

Designated States:

BE; CH; DE; FR; GB; IT; LI; SE;

International Patent Class (V7): G06F-009/44; ; **Abstract Word Count:** 111

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1337
CLAIMS B	(German)	EPBBF1	555
CLAIMS B	(French)	EPBBF1	681

SPEC B	(English)	EPBBF1	2602
Total Word Count (Document A) 0			
Total Word Count (Document B) 5175			
Total Word Count (All Documents) 5175			

Specification: ...kbps data streams composed of either downloaded software or actual information "frames" for display on **subscriber** terminals. The one-way booter **channel**, like the two-way **channels**, is accessed by the terminal under software control via proper tuning of an integral modem in the terminal. One...

36/3K/20 (Item 1 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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01077455

METHOD AND APPARATUS FOR AUTOMATICALLY TERMINATING A CALL
PROCEDE ET APPAREIL POUR METTRE FIN AUTOMATIQUEMENT A UN APPEL

Patent Applicant/Patent Assignee:

• **QUALCOMM INCORPORATED**

5775 Morehouse Drive, San Diego, CA 92121; US; US(Residence); US(Nationality)

Inventor(s):

• **CASACCIA Lorenzo**

1501-8 Reed Avenue, San Diego, CA 92109; US

Legal Representative:

• **WADSWORTH Philip R(et al)(agent)**

QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, CA 92121; US;

	Country	Number	Kind	Date
Patent	WO	2003107633	A1	20031224
Application	WO	2003US18879		20030613
Priorities	US	2002174222		20020617

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)
 AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,

Publication Language: English

Filing Language: English

Fulltext word count: 11647

Detailed Description:

...In an embodiment, the ringing message is an Alert With Information

Message that alerts the **first** user with information regarding the ringing of the **second subscriber** station

108b.

[1080] In an embodiment the **Channel Assignment** Message is sent by the network 104 to the first subscriber station 108a before the...

36/3K/21 (Item 2 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00996222

TECHNIQUE FOR EFFECTIVELY PROVIDING PROGRAM MATERIAL IN A CABLE TELEVISION SYSTEM

TECHNIQUE PERMETTANT DE DISTRIBUER EFFICACEMENT UN PROGRAMME DANS UN SYSTEME DE TELEVISION PAR CABLE

Patent Applicant/Patent Assignee:

• **TIME WARNER CABLE**

290 Harbor Drive, Stamford, CT 06902; US; US(Residence); US(Nationality)

Inventor(s):

• **BROOKS Paul D**

9215 S. Mountain Brush Ct., Highlands Ranch, CO 80130; US

Legal Representative:

• **YIP Alex L(agent)**

Kaye Scholer LLP, 425 Park Avenue, New York, NY 10022; US;

	Country	Number	Kind	Date
Patent	WO	200326274	A2-A3	20030327
Application	WO	2002US26291		20020816
Priorities	US	2001956688		20010920

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

Publication Language: English

Filing Language: English

Fulltext word count: 5647

Detailed Description:

...referring to row 31 1, carrier C3 (one of the carriers C, through Cm) is **assigned** for program **channel 2** (X 2) which 12 **subscribers** (Npcjix = 12) have selected to watch. In addition, as indicated in row 313, no subscriber...

36/3K/22 (Item 3 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00926591

METHOD AND APPARATUS FOR MANAGING ACCESS TO A PREPAID ACCOUNT
PROCEDE ET APPAREIL PERMETTANT DE GERER L'ACCES D'UN COMPTE PREPAYE

Patent Applicant/Patent Assignee:

- **TELEFONAKTIEBOLAGET LM ERICSSON (publ)**
S-126 25 Stockholm; SE; SE(Residence); SE(Nationality)

Inventor(s):

- **GARCIA LOPEZ Cesar**
Australia 9 Col., Virreys Residencial, 25230 Saltillo, Coahuila; MX
- **SANCHEZ GARZA Juan**
Nueva Espana 369, Fracc. Urdinola, 25020 Saltillo, Coahuila; MX
- **TORRES MORALES Omar**
Nueva Zelanda 535, Col. Oceania, 25290 Saltillo, Coahuila; MX

Legal Representative:

- **ERICSSON CANADA INC(agent)**
LMC/UP IPR Section, 8400 Decarie Boulevard, Montreal, QC H4P 2N2; CA;

	Country	Number	Kind	Date
Patent	WO	200260172	A2-A3	20020801
Application	WO	2002SE46		20020111
Priorities	US	2001770144		20010126

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

Publication Language: English

Filing Language: English

Fulltext word count:

English Abstract:

A prepaid communications **account** is **shared** by at least a **first subscriber** (20) and a **second subscriber** (80) whereby access to the prepaid account is locked in response to a first prepaid... ..account is unlocked. A database (1160) is utilized for managing access to a prepaid communications **account shared** by at least a **first subscriber** and a **second subscriber** and includes identity fields (1190) and associated remaining talk

time fields (1200) for the subscribers... ..memory element is used to store a database for managing access to a prepaid communications **account shared** by at least a **first subscriber** and a **second subscriber** and includes memory locations for the identities and associated talk times and a sponsor identity...

36/3K/23 (Item 4 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

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00901332

COMMERCIAL TRANSACTION SYSTEM

SYSTEME DE TRANSACTION COMMERCIALE

Patent Applicant/Patent Assignee:

• **THIRI PTY LTD**

401 Clunies Ross Street, Acton ACT 2601; AU; AU(Residence); AU(Nationality); (For all designated states except: US)

Patent Applicant/Inventor:

• **COX Kevin**

401 Clunies Ross Street, ACTON ACT 2601; AU; AU(Residence); AU(Nationality); (Designated only for: US)

Legal Representative:

• **WALLINGTON-DUMMER(agent)**

Patent & Trade Mark Attorneys, P.O. Box 297, Rydalmere, NSW 1701; AU;

	Country	Number	Kind	Date
Patent	WO	200235399	A1	20020502
Application	WO	2001AU1376		20011029
Priorities	AU	20001077		20001027
	AU	200148001		20010523
	AU	200148003		20010523
	AU	200148004		20010523
	AU	200148005		20010523

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,

Publication Language: English

Filing Language: English

Fulltext word count: 13439

Detailed Description:

...user 13 and second user 14 have access.

In this instance, by the agreement of **first** user 13 and **second** user 14 as **subscribers** to commercial transaction system 10, the **shared** transaction **record** 11 is a definitive record of the transaction 12. The arrangement is such that there...

36/3K/24 (Item 5 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)
PCT FULLTEXT

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00900350

**CHANNEL ALLOCATION IN BROADBAND ORTHOGONAL FREQUENCY-DIVISION
MULTIPLE-ACCESS/SPACE-DIVISION MULTIPLE-ACCESS NETWORKS**

ATTRIBUTION DE CANAUX DANS DES RESEAUX A LARGE BANDE A ACCES MULTIPLE PAR
REPARTITION ORTHOGONALE DE LA FREQUENCE/ ACCES MULTIPLE PAR REPARTITION
SPATIALE

Patent Applicant/Patent Assignee:

• **BROADSTORM TELECOMMUNICATIONS INC**

400 112th Avenue NE, Suite 250, Bellevue, WA 98004; US; US(Residence); US(Nationality); (For all designated states except: US)

Patent Applicant/Inventor:

• **LIU Hui**

2708 226th Avenue, SE, Sammamish, WA 98075; US; US(Residence); CN(Nationality); (Designated only for: US)

• **YIN Hujun**

121026 Bartlett Avenue NE, Seattle, WA 98125; US; US(Residence); CN(Nationality); (Designated only for: US)

• **LI Xiaodong**

13075 SE 26th, Apt. E208, Bellevue, WA 98005; US; US(Residence); CN(Nationality); (Designated only for: US)

• **MU Fuqi**

600 Front Street, Issaquah, WA 98027; US; US(Residence); CN(Nationality); (Designated only for: US)

Legal Representative:

• **MALLIE Michael J(agent)**

Blakely Sokoloff Taylor & Zafman LLP, 12400 Wilshire Boulevard, Los Angeles, CA 90025(et al); US;

	Country	Number	Kind	Date
Patent	WO	200233848	A2-A3	20020425
Application	WO	2001US42716		20011011

Priorities	US	2000692681		20001018
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Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

Publication Language: English

Filing Language: English

Fulltext word count: 5879

Detailed Description:

...of

them is applicable to broadband wireless networks. The prime reason is that in broadband **application**, **subscribers'** spatial **channels** are **two-dimensional**, in both space and frequency, and **channel assignment** under spatial multiplexing becomes a more involved problem.

Recently, there is an increasing interest in...

36/3K/25 (Item 6 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00836145

A SYSTEM AND METHOD FOR DISTRIBUTING INFORMATION VIA A COMMUNICATION NETWORK

SYSTEME ET PROCEDE DE DISTRIBUTION D'INFORMATIONS PAR L'INTERMEDIAIRE D'UN RESEAU DE COMMUNICATION

Patent Applicant/Patent Assignee:

• **ADVENT NETWORKS INC**

9600 Great Hills Trail, Suite 300E, Austin, TX 78759; US; US(Residence); US(Nationality)

Inventor(s):

• **PANGRAC David M**

720 Beach Road #1A, Suite 80, Port Aransas, TX 78373; US

• **GALL Donald T**

1825 Palidades Drive, Port Aransas, TX 78373; US

• **ROSE Steven W**

866 Maikai Street, P.O. Box 100, Haiki, HI 96708-0100; US

Legal Representative:

• **STANFORD Gary R(agent)**

The Law Offices of Gary R. Stanford, 610 West Lynn, Austin, TX 78703; US;

	Country	Number	Kind	Date
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Patent	WO	200169831	A2-A3	20010920
Application	WO	2001US5746		20010223
Priorities	US	2000184362		20000223
	US	2000748717		20001223

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 19040

Detailed Description:

...network according to an exemplary embodiment of the present invention including a switched hierarchy and **assigned subscriber channels**;

FIG. 2 is a simplified block diagram of an exemplary embodiment of a switch matrix that may...

36/3K/26 (Item 7 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

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00824476

MAINTENANCE LINK USING ACTIVE/STANDBY REQUEST CHANNELS

LIAISON DE MAINTENANCE COMPRENANT DES VOIES DE REQUETES MODE ACTIF/ATTENTE

Patent Applicant/Patent Assignee:

- **TANTIVY COMMUNICATIONS INC**

Suite 300, 2200 Front Street, Melbourne, FL 32901; US; US(Residence); US(Nationality)

Inventor(s):

- **NELSON G Rodney Jr**

207 Sykes Loop Drive, Merritt Island, FL 32953; US

- **HOFFMANN John E**

516 Latania Palm Drive, Indialantic, FL 32903; US

- **ROUPHAEL Antoine J**

3503 Wild Oak Lane, Escondido, CA 92027; US

- **PROCTOR James A Jr**

440 Mosswood Blvd., Indialantic, FL 32903; US

Legal Representative:**• THIBODEAU David J Jr(et al)(agent)**

Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133; US;

	Country	Number	Kind	Date
Patent	WO	200158043	A2-A3	20010809
Application	WO	2001US3927		20010207
Priorities	US	2000180598		20000207
	US	2001775305		20010201

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,
BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE,

Publication Language: English

Filing Language: English

Fulltext word count: 15912

Detailed Description:

...communications from each of multiple transmitters and a receiver. A first portion of the coded **channel** is **assigned** for use by a first transmitter to transmit a reference signal to the **receiver**, while a **second** portion of the **channel** is **assigned** for **use** by a second transmitter to transmit a message to the receiver.

Preferably, the coded channel...

36/3K/27 (Item 8 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00818911

**BROADCAST SYSTEM USING A SUBGROUP OF SUBCARRIERS TO TRANSMIT
PERSONALIZED DATA BETWEEN BASE STATIONS AND SUBSCRIBER UNITS
SYSTEME DE RESEAU CELLULAIRE**

Patent Applicant/Patent Assignee:**• ZION HADAD COMMUNICATIONS LTD**

2 Hachoma Street, 75655 Rishon Lezion; IL; IL(Residence); IL(Nationality); (For all designated states except: US)

Patent Applicant/Inventor:

- **HADAD Zion**

48 Haalmogim Street, 75439 Rishon LeZion; IL; IL(Residence); IL(Nationality); (Designated only for: US)

Legal Representative:

- **ZUTA Mark(agent)**

19 Ben Yehuda Street, 49373 Petah Tikva; IL;

	Country	Number	Kind	Date
Patent	WO	200152441	A2-A3	20010719
Application	WO	2001IL29		20010111
Priorities	US	2000482030		20000113

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,

G; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 5747

English Abstract:

...the broadcast channel using equalizer means; and C. means for reducing interference in the personalized **channel using** a controlled **allocation** of subcarriers in the **second** group to each **subscriber**. In a broadcast SFN system using OFDM transmission from a base station to subscriber units...

Claims:

...the broadcast channel using equalizer means; and C. means for reducing interference in the personalized **channel using** a controlled **allocation** of subcarriers in the **second** group to each **subscriber**.

2 The SFN cellular broadcast system according to claim 1, wherein said system uses OFDM modulation...

36/3K/28 (Item 9 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00800797

METHODS AND APPARATUS FOR COORDINATING CHANNEL ACCESS TO SHARED PARALLEL DATA CHANNELS

PROCEDES ET DISPOSITIFS DE COORDINATION DE L'ACCES A DES CANAUX DE DONNEES PARALLELES PARTAGES

Patent Applicant/Patent Assignee:

- **ITT MANUFACTURING ENTERPRISES INC**

1105 North Market Street, Suite 1217, Wilmington, DE 19801; US; US(Residence); US(Nationality);
(For all designated states except: US)

Patent Applicant/Inventor:

- **WHITEHILL Eric A**

6021 Highgate Place, Fort Wayne, IN 46815; US; US(Residence); US(Nationality); (Designated only for: US)

- **DEMPSEY Tim**

2229 Hearthstone Drive, Fort Wayne, IN 46804; US; US(Residence); US(Nationality); (Designated only for: US)

Legal Representative:

- **FINNAN Patrick J(et al)(agent)**

Epstein, Edell, Shapiro & Finnan, LLC, Suite 400, 1901 Research Boulevard, Rockville, MD 20850; US;

	Country	Number	Kind	Date
Patent	WO	200133770	A2-A3	20010510
Application	WO	2000US30394		20001103
Priorities	US	99163257		19991103

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

Publication Language: English

Filing Language: English

Fulltext word count: 13367

Claims:

1. A communication node operating in a network whose nodes communicate over plural **shared data channels**, said communication node comprising: a **primary receiver** and a **secondary receiver**, at least one of said **primary** and **secondary receivers** being tunable to the plural **shared data channels** to receive information messages from other nodes, and at least one of said primary and... ..messages are not expected during transmission of a broadcast message on one of the plural **shared data channels**, and neither said **primary receiver** nor said **secondary receiver** monitors the reservation channel when said **primary receiver** is engaged in transferring an information message on one of the shared data channels...

36/3K/29 (Item 10 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

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00773121

TUNING METHOD FOR A RADIO RECEIVER, ESPECIALLY A TELEVISION SIGNAL RECEIVER, AND A CORRESPONDING RADIO RECEIVER

PROCEDE D'ACCORD POUR UN RECEPTEUR RADIO, NOTAMMENT UN RECEPTEUR DE SIGNAUX DE TELEVISION, ET RECEPTEUR RADIO CORRESPONDANT
ABSTIMMVERFAHREN FUR EINEN RUNDFUNKEMPFANGER, INSBESONDERE EINEN FERNSEHSIGNALEMPFANGER, SOWIE HIERMIT KORRESPONDIERENDER RUNDFUNKEMPFANGER

Patent Applicant/Patent Assignee:

- **INTERESSENGEMEINSCHAFT FUR RUNDFUNKSCHUTZRECHTE GMBH
SCHUTZRECHTSVERWERTUNG & CO KG**
Bahnstrasse 62, D-40210 Dusseldorf; DE; DE(Residence); DE(Nationality)

Inventor(s):

- **KELLER Herbert**
Muhlenstrasse 17, 83236 Ubersee; DE
- **NEBEL Paul**
Bergener Strasse 30, 83224 Staudach; DE

Legal Representative:

- **KINNSTATTER Klaus**
Kuhbergstr. 23, D-96317 Kronach; DE;

	Country	Number	Kind	Date
Patent	WO	200106649	A1	20010125
Application	WO	2000EP6712		20000714
Priorities	DE	19933422		19990716

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)
CN, JP, KR

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE;

Publication Language: German
Filing Language: German
Fulltext word count: 5624

English Abstract:

The invention relates to a tuning method for a radio receiver, especially a television signal **receiver**, whereby at least **two** reception **channels** are consecutively **pre-assigned** to the radio receiver, and the reception channels are stored in a superceding manner in... ..is tuned according to the reception channel stored in the tuning memory (6). Another reception **channel** is **pre-assigned** to the radio receiver and is stored in the tuning memory (6). The other reception **channel** is **pre-assigned** to the radio receiver either by direct or indirect channel input. In the case of...

36/3K/30 (Item 11 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

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00744193

OPTICALLY MODULATED LASER BEAM TRANSCEIVER SYSTEM

SYSTEME D'EMETTEUR-RECEPTEUR A FAISCEAU LASER A MODULATION OPTIQUE

Patent Applicant/Patent Assignee:

• **SILKROAD INC**

9707 Waples Street, San Diego, CA 92121; US; US(Residence); US(Nationality)

Inventor(s):

• **FREEMAN Robert A**

525 Seabright Lane, Solana Beach, CA 92075; US

• **BRADBURY Colin**

4221 Mt. Hukce Avenue, San Diego, CA 92117; US

• **PALMER James R**

16108 Creekside Court, San Diego, CA 96131; US

• **SMITH Bruce**

8860-A Tamberly Way, Santee, CA 92071; US

• **O'HAGAN Michael**

1160 Via Espana, La Jolla, CA 92037; US

Legal Representative:

• **MARCUS Joseph R**

Welsh & Katz, Ltd., 22nd floor, 120 South Riverside Plaza, Chicago, IL 60606; US;

	Country	Number	Kind	Date
Patent	WO	200057582	A1	20000928
Application	WO	2000US7328		20000320
Priorities	US	99275899		19990324

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

Publication Language: English

Filing Language: English

Fulltext word count: 10126

Detailed Description:

...14 may be

a cable channel receiver receiving blocks of television signals (e.g., 148 **channels** per block) for **distribution** to local **subscribers**. A **second** transceiver 16 may

transmit the blocks to the **first** transceiver 14.

Alternatively, the transceivers 14, 16, 18 may
is engage in the simultaneous exchange...

36/3K/31 (Item 12 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

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00568494

AUTOMATIC GAIN CONTROL FOR SLOTTED MODE OPERATION

COMMANDE DE GAIN AUTOMATIQUE POUR UN FONCTIONNEMENT EN MODE
SYNCHRONISE PAR TOPS D'HORLOGE

Patent Applicant/Patent Assignee:

- **TELEFONAKTIEBOLAGET LM ERICSSON (publ)**

Inventor(s):

- **GUSTAFSSON Kjell**
- **DENT Paul**
- **ERIKSSON Hakan**

	Country	Number	Kind	Date
Patent	WO	200031867	A1	20000602
Application	WO	99SE2108		19991117
Priorities	US	98109690		19981124
	US	99434444		19991105

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

Publication Language: English

Filing Language:

Fulltext word count: 9928

Claims:

...wherein said first mode is a traffic mode

for receiving said signal on a traffic **channel assigned** to said receiver and said second mode is a
measurement mode for measuring signals on... ..wherein said first mode is a traffic modefor receiving said
signal on a traffic **channel assigned** to said **receiver** and said **second** mode is a measurement mode for
measuring signals on other channels, and wherein said first... ..steps of:operating said receiver in said first

mode to receive signals on a traffic **channel assigned** thereto; switching to said second mode; and operating said receiver in said second mode to... ..operating said receiver in a sleep mode to periodically awaken and receive signals in an **assigned** paging **channel** time slot; switching from said sleep mode to an active mode wherein said receiver uses...wherein said first mode is a traffic mode for receiving said signal on a traffic **channel assigned** to said **receiver** and said **second** mode is a measurement mode for measuring signals on other channels, and wherein said first...

36/3K/32 (Item 13 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00480922

APPARATUS AND METHOD FOR TRANSMITTING SIGNALS IN A COMMUNICATION SYSTEM

DISPOSITIF ET PROCEDURE POUR LA TRANSMISSION DE SIGNAUX DANS UN SYSTEME DE COMMUNICATION

Patent Applicant/Patent Assignee:

- **MOTOROLA INC**

Inventor(s):

- **KOTZIN Michael D**
- **ROHANI Kamyar**
- **ROZANSKI Walter J Jr**

	Country	Number	Kind	Date
Patent	WO	9912274	A1	19990311
Application	WO	98US14888		19980717
Priorities	US	97923190		19970904

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

BR, CA, CN, IL, JP, KR, AT, BE, CH, CY,

DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,

MC, NL, PT, SE

Publication Language: English

Filing Language:

Fulltext word count: 9975

Detailed Description:

...450 for signals spread with Walsh code WY transmitted by transmitter 400. In this instance, **second** finger RAKE **receiver** 470 is

assigned to communication **path** 432 with pilot channel Walsh code Wy and traffic channel Walsh code WA.

Having two...

36/3K/33 (Item 14 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

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00475738

METHOD AND APPARATUS FOR TRANSMITTING SIGNALS IN A COMMUNICATION SYSTEM

PROCEDE ET APPAREIL DE TRANSMISSION DE SIGNAUX DANS UN SYSTEME DE TELECOMMUNICATIONS

Patent Applicant/Patent Assignee:

- **MOTOROLA INC**

Inventor(s):

- **KOTZIN Michael D**
- **RAZANSKI Walter J Jr**

	Country	Number	Kind	Date
Patent	WO	9907090	A1	19990211
Application	WO	98US14560		19980714
Priorities	US	97904204		19970731

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AU, BR, CA, CN, IL, JP, KR, RU, AT, BE,
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,
IT, LU, MC, NL, PT, SE

Publication Language: English

Filing Language:

Fulltext word count: 7963

Detailed Description:

...450 for signals spread with Walsh code Wy transmitted by transmitter 400. In this instance, **second** finger RAKE **receiver** 470 is **assigned** to communication **path** 432 with pilot channel Walsh code Wy and traffic channel Walsh code WA
Having two...

36/3K/34 (Item 15 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

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00465660

**SYSTEMS AND METHODS FOR CONTROL CHANNEL COMMUNICATION IN CELLULAR
RADIOTELEPHONE SYSTEMS**

SYSTEMES ET PROCEDES POUR LES COMMUNICATIONS PAR CANAL DE COMMANDE DANS
LES SYSTEMES RADIOTELEPHONIQUES CELLULAIRES

Patent Applicant/Patent Assignee:

- **ERICSSON INC**

Inventor(s):

- **DENT Paul Wilkinson**

	Country	Number	Kind	Date
Patent	WO	9856125	A1	19981210
Application	WO	98US11586		19980529
Priorities	US	97870639		19970606

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

Detailed Description:

...of the duplex communications link established by the system from one user to another. Traffic **channels** typically are dynamically **assigned** by the system when and where needed. In addition, systems such as the European GSM...to the present invention by cellular radiotelephone systems which communicate a control channel in a **first** cell **using** a time/frequency window, i.e., a combination of a carrier frequency band and time **unassigned** to a traffic **channel** or when a traffic **channel assigned** to the time/frequency window is idle due to discontinuous transmission (DTX). The time/frequency...

36/3K/35 (Item 16 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

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00398794

**SYSTEM AND METHOD FOR REDUCING INTERFERENCE GENERATED BY A DIGITAL
COMMUNICATION DEVICE**

SYSTEME ET PROCEDE POUR REDUIRE LES INTERFERENCES GENEREES PAR UN APPAREIL

DE COMMUNICATION NUMERIQUE

Patent Applicant/Patent Assignee:

- QUALCOMM INCORPORATED

Inventor(s):

- ANTONIO Franklin P
- GILHOUSEN Klein S

	Country	Number	Kind	Date
Patent	WO	9739537	A1	19971023
Application	WO	97US6326		19970415
Priorities	US	96875		19960416

Designated States:

(Protection type is
"Patent" unless
otherwise stated - for English
applications prior to
2004)

Publication Language:

Filing Language:

Fulltext word count: 8297

Detailed Description:

...to continuously transmit RF energy over the auxiliary channel at times other than during the **assigned primary channel** slots. Likewise, the **second subscriber** station does not turn off its transmitter while re-tuning to the auxiliary channel frequency...

36/3K/36 (Item 17 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00332185

METHOD AND APPARATUS FOR REGIONAL CELL MANAGEMENT IN A SATELLITE COMMUNICATION SYSTEM

PROCEDE ET DISPOSITIF POUR LA GESTION REGIONALE DES CELLULES DANS UN SYSTEME DE COMMUNICATIONS PAR SATELLITES

Patent Applicant/Patent Assignee:

- **MOTOROLA INC**

Inventor(s):

- **OLDS Keith Andrew**

- **SPICER Tadd Edward**

- **TERRIS David**

	Country	Number	Kind	Date
Patent	WO	9614696	A1	19960517
Application	WO	95US10792		19950825
Priorities	US	94336140		19941108

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)
 AU, CA, CN, DE, GB, JP, UA, AT, BE, CH,
 DE, DK, ES, FR, GB, GR, IE, IT, LU, MC,
 NL, PT, SE

Publication Language: English

Filing Language:

Fulltext word count: 6799

Claims:

...first

set are not within a radio horizon of some of said members of the **first** set; **assigning a second channel** to a **second subscriber** unit, said **second subscriber** unit located within a second antenna beam that is associated with said second node, said...

36/3K/37 (Item 18 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00275368

METHOD OF SEARCHING FOR A SIGNALLING CHANNEL IN A RADIO SYSTEM
PROCEDE DE RECHERCHE D'UNE VOIE DE SIGNALISATION DANS UN SYSTEME RADIO
TELEPHONIQUE

Patent Applicant/Patent Assignee:

- **NOKIA TELECOMMUNICATIONS OY**

- **LoPPoNEN Jussi**

Inventor(s):

• LoPPoNEN Jussi

	Country	Number	Kind	Date
Patent	WO	9423544	A1	19941013
Application	WO	94F1118		19940329
Priorities	FI	931434		19930330

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)
 AU, CN, GB, JP, NO, US, AT, BE, CH, DE,
 DK, ES, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE

Publication Language: English

Filing Language:

Fulltext word count: 6926

English Abstract:

...of the radio system, when the first subscriber station (MS1, 103) detects that the signalling **channel** used by it is **assigned** as a traffic **channel** for communication between the **second subscriber** station and the **first** base station (BS1, 101), the **first** subscriber station (MS1, 103) stays to listen for a predetermined time to each channel of...

Detailed Description:

...system is characterized by the following steps: a first subscriber station detects that the signalling **channel** used by it is **assigned** as a traffic **channel** for communication between a **second subscriber** station and a **first** base station, the **first** subscriber

Claims:

...d in that the first subscriber station (MS1, 600) detects that the signalling **channel** used by it is **assigned** as a traffic **channel** for communication between the **second subscriber** station (MS2, 600) and the **first** base station (BS1, 101), and the first subscriber station (MS1, 600) stays to listen for... **characterised in that** when said **channel** assigned for communication between the second subscriber station (MS2, 600) and the first base station...d in that the first subscriber station (MS1, 600) detects that the signalling **channel** used by it is **assigned** as a traffic **channel** for communication between the **second subscriber** station (MS2, 600) and the **first** base station (BS1, 101) the first subscriber station (MS1, 600) stays to listen for...

36/3K/39 (Item 20 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

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00236344

HEADEND PROCESSING FOR A DIGITAL TRANSMISSION SYSTEM
TRAITEMENT EN AMONT POUR UN SYSTEME DE TRANSMISSION NUMERIQUE

Patent Applicant/Patent Assignee:

- **SCIENTIFIC-ATLANTA INC**

Inventor(s):

- **McMULLAN Jay C Jr**
- **BURLESON David B**
- **HUNTLEY Donald R**
- **SCHAUBS Randolph J**

	Country	Number	Kind	Date
Patent	WO	9310606	A1	19930527
Application	WO	92US9963		19921118
Priorities	US	91477		19911119

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

Publication Language: English

Filing Language:

Fulltext word count: 7163

Claims:

...circuit to

output third channels of program information comprising combinationsof program information of the **first** and **second channels** for **distribution**to a **subscriber**.

2 The headend apparatus according to claim 1 wherein said first program sourced comprises a remote...

36/3K/43 (Item 24 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

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00131688

DISPATCH TRUNKED RADIO SYSTEM

SYSTEME RADIO A PARTAGE DE PLUSIEURS CANAUX D'EMISSION

Patent Applicant/Patent Assignee:

- **MOTOROLA INC**

Inventor(s):

- **ZDUNEK Kenneth John**

	Country	Number	Kind	Date
Patent	WO	8604199	A1	19860717
Application	WO	85US2208		19851105
Priorities	US	84810		19841231

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)
AT, AU, BE, CH, DE, FR, GB, IT, JP, KR,
NL, SE

Publication Language: English

Filing Language:

Fulltext word count: 6008

Detailed Description:

...grant' which contains the subfleet code, the requesting unit's D:) code, and the voice **channel** number **assigned** for the conversation. The OSW causes the requesting unit to move to the voice channel...is sent at S600 BPS. After detecting the channel grant on the control channel, the **subscriber** unit requesting service **2** 5 changes frequencies to the **assigned** voice **channel**, and decodes the high speed handshake signal from the fixed end central controller 1 10...

36/3K/44 (Item 25 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

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00101960

TIME-DIVISION SWITCHING SYSTEM FOR MULTIRATE DATA

SYSTEME DE COMMUTATION DE DIVISION DU TEMPS POUR DES DONNEES A FREQUENCE
DE PASSAGE MULTIPLE

Patent Applicant/Patent Assignee:

- **WESTERN ELECTRIC CO INC**

Inventor(s):

- **LURTZ J**

	Country	Number	Kind	Date
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Patent	WO	8000775	A1	19800417
Application	WO	79US617		19790816
Priorities	US	78945546		19780925

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)
JP

Publication Language: English

Filing Language:

Fulltext word count: 5031

Detailed Description:

...same substrate subscriber in the present embodiment is 128 times the maximum number of subscribers **sharing the channel**. For example, a 2.4 kilobit **subscriber** will make **use** of its associated **channel** every twentieth frame or every 2,560 channels. The process 15 of channel sharing in...

